SERVICE MANUAL Sm 7

Since only the unidentical parts between the original model are listed, please use this manual (Flysheet) with the original model Sm 7(F version) service manual accordingly.

Different Parts between MODEL Sm 7(F) and MODEL Sm 7(U)/Sm 7(E)

REF DESIG	Q'TY			MODEL Sm 7(F) PART, NO.	MODEL Sm 7(U) PART, NO.	MODEL Sm 7(E) PART, NO.	DESCRIPTION
	F	U	E				
A	1	1	1	2461063400	2461063420	2461063420	Front Panel Assembly
001B	1	1	1	2461063010	2461063110	2461063110	Escutchean Front
002B	1	1	1	2461063030	2461063130	2461063130	Escutcheon Pocket Frame
004B	1	1	1	2461063020	2461063120	2461063120	Escutcheon Pocket Panel
005B	2	2	2	51100306A9	51060305A9	51060305A9	P.H.M Screw P3 x 5
018B	2	2	2	2461164010	2461164110	2461164110	Adjuster
023B	1	1	1	2979259010	2979259110	2979259110	Bushing
025B	1	1	1	2462154030	2462154130	2462154130	Knob Power SW
032B	2	2	2	2978259012	2978259110	2978259110	Bushing
B	1	1	1	2461063410	2461063430	2461063430	Pocket Cover Assembly
011B	1	1	1	2461063050	2461063150	2461063150	Escutcheon
014B	1	1	1	2461253010	2461253110	2461253110	Handle
031B	2	2	2	2462154220	2462154320	2462154320	Knob
033B	2	2	2	2461154010	2461154110	2461154110	Knob
040B	1	1	1	2461257010	2461257110	2461257110	Lid
042B	6			2991259010			Bushing
042B		6	6		51280410U0	51280410U0	B.H. Tap Screw
060B		2	2		5110308S9	5110308S9	B.H.M. Screw
061B	1	1	1	2461160210	2461160310	2461160320	Bracket
069B	1	1	1	1455259090	1455259090	1455259050	Bushing
071B	1	1	1	2461265012	2461265030	2461265040	Indicator
080B		2	2		2269253510	2269253510	Handle Rack
081B		1	1		2932861012	2932861012	Label
082B		1	1		2978861010	2978861010	Label
083B		1			9511101070		Label UL
083B			2			5110308S9	B.H.M. Screw
001S	1			9013025010			Polyethy Bag
001S		1	1		2461801030	2461801040	Packing Case
002S	1			9014538350			Polyethy Bag
002S		1	1		2231809012	2231809012	Cushion
004S	1	1	1	2461809010	2231809022	2231809022	Cushion
005S	1			2461801010			Packing Case
005S		1	1		9013025010	9013025010	Polyethy Bag
006S	1			2461809020			Cushion
006S		1	1		2918107170	2918107170	Sheet
007S	1			2461107010			Sheet
011S	1			9641000023			Register Card
013S	1			2461851110			Instruction
014S	2			9526019040			Serial No, Card
015S	1			2976813010			Envelope
016S	1			2976851042			Instruction

N.B. Following precautions should be used when putting order for service manual:

(1) The original Service manual will not be delivered if the P/N 2461855040 (Flysheet) is used for ordering.

(2) When comprehensive manual are required, please use both P/N of 2461855090 (Original) and 2461855040 (Flysheet) simultaneously.

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Printed in Japan

2461855040
1979/7

REF DESIG	Q'TY			MODEL Sm 7(F) PART, NO.	MODEL Sm 7(U) PART, NO.	MODEL Sm 7(E) PART, NO.	DESCRIPTION
	F	U	E				
901S		1			2225813010		Envelope
901S			1			9560000043	Hang Tag
903S		2	2		9526019010	9526019060	Serial No, Card
931S		4			51147019B0		O.C.H.M. Screw
931S			4			51217069E9	L.K. Head Screw
934S		4			54120500B0		Doughnut Washer
935S		1			2818854026		Guarantee Card
937U		1	1		2461856010	2461856010	Circuit Diagram
F001	1	1	1	FS11000030	FS10800040	FS10500800	Fuse
G001	1	1	1	BF10400040	BF10400040	BF10400020	Spark Killer
J016	1	1	1	YJ08000230	YJ08000230	YJ08000290	Jack
J018			1			BY03110010	Plug
L001	1	1	1	TS63303060	TS63303040	TS63303050	Power Transf.
L002	1	1	1	TS15708040	TS15708060	TS15708050	Power Transf.
W001	1	1	1	YC02400182	YC02000160	YC01800180	A.C. Power Cord
P700		1	1		YK29901610	YK29901610	P.W. Board Main Amp
		1	1		ZZ24611610	ZZ24611610	P.W. Board Assembly
P800		1	1		YG24610010	YG24610010	P.W. Board Power Supply
		1	1		ZZ24610010	ZZ24610010	P.W. Board Assembly
PM00		1	1		YF29790010	YF29790010	P.W. Board RCA Pin Terminal
		1	1		ZZ24611010	ZZ24611010	P.W. Board Assembly

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SERVICE DATA

Sc-7
CONTROL STEREO CONSOLE

Sm-7
STEREO POWER AMPLIFIER

SU-7 2～16　　SM-7 17～27

SU-7 目次

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SU-7 規格

定格出力及びインピーダンス(PRE OUT)……1.5V/100Ω
(TAPE OUT)……150mV/250Ω
入力感度及びインピーダンス
フォノ1・2(MM)……2mV/1k/10k/27k/47k/100kΩ
フォノ1(MC)……200μV/10/47/100/220Ω
高レベル……150mV/40kΩ
全高調波歪率……0.004%以下
混変調歪率……0.004%以下
周波数特性(RIAA偏差、20Hz～20kHz)……±0.2dB
(高レベル　20Hz～20kHz)……+0, −0.1dB
(高レベル　+0, −1dB)……4Hz～120kHz
入力等化雑音(フォノ　IHF-A)……0.24μV
ダイナミックレンジ……120dB
フォノ最大入力(MM 1kHz)……250mV
(MC 1kHz)……25mV
トーンコントロール(低域 100Hz)……±10dB
(中域 800Hz)……±6dB
(高域 10kHz)……±10dB
フィルター特性(HI)……9kHz/18dB oct.
(LOW)……15Hz/18dB oct.

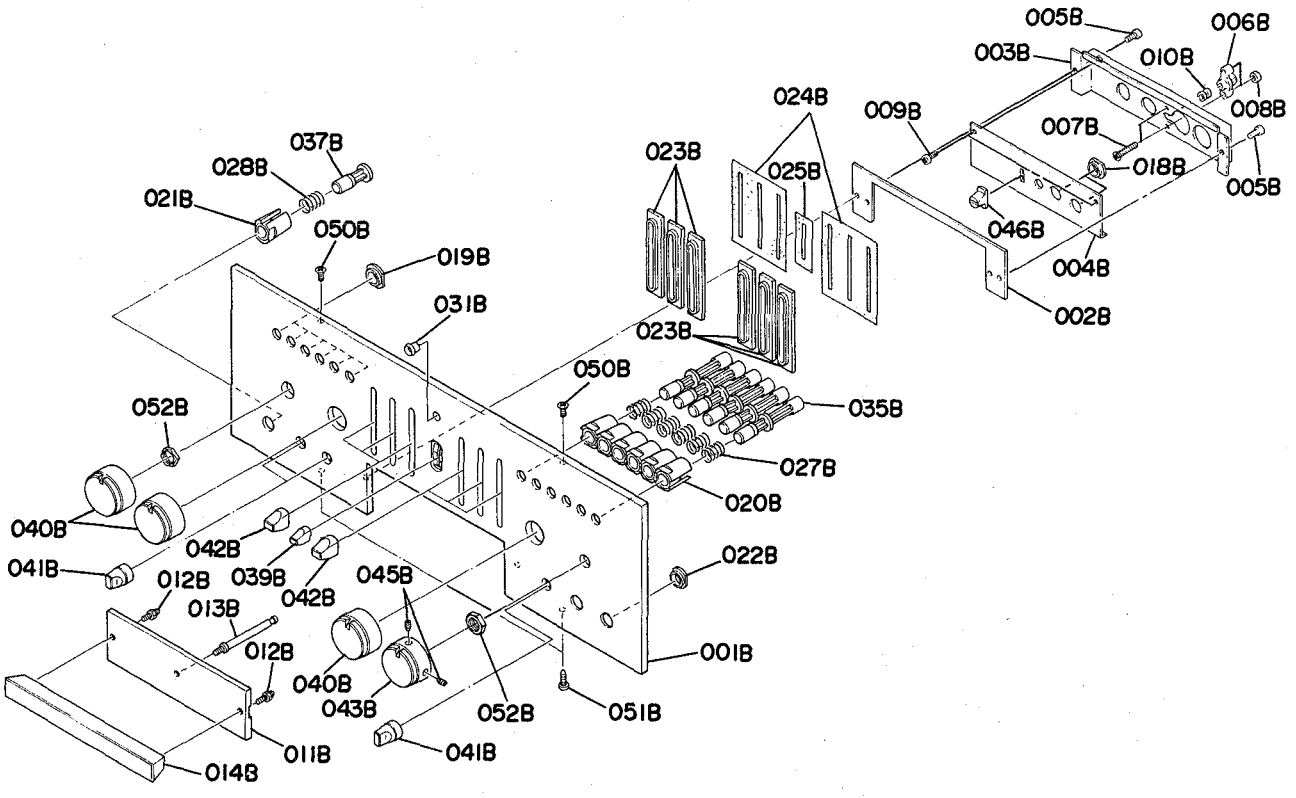
その他

電　　源……100V 50/60Hz
消費電力……45W
外形寸法(W・H・D)……416×146×244mm
重　　量(セット単体)……10kg

※本機の規格および外観は改良のため予告なく変更することがありますが、ご了承ください。

分解図およびパーツリスト

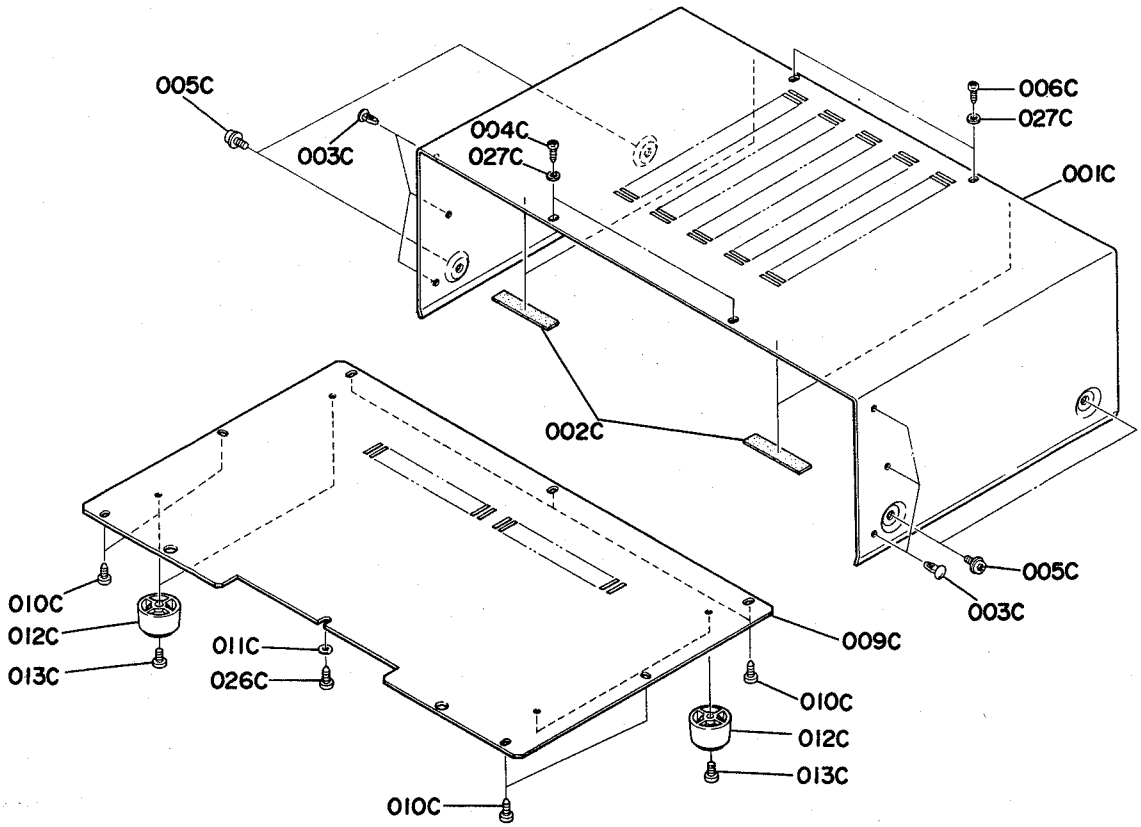
[C01-99] FRONT PANEL



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
A	1	2462063400	Front Panel Assembly
001B	1	2462063010	Escutcheon
002B	1	2461063030	Escutcheon
003B	1	2462160020	Bracket
004B	1	2462063020	Escutcheon
005B	2	51100306A9	B.H.M. Screw B3 x 6
006B	1	2461271010	Holder
007B	2	51042610A0	F.H.M. Screw F2.6 x 10
008B	2	53112603A0	Hexagon Nut
009B	2	51100204E9	B.H.M. Screw B2 x 4
010B	1	1143259010	Bushing
018B	2	2491259010	Bushing
019B	6	2491259010	Bushing
020B	6	2979259010	Bushing
021B	1	2979259010	Bushing, Phono 1
022B	1	2978259010	Bushing, Power Switch
023B	6	2970259010	Bushing, Tone VR
024B	2	2462303010	Mask, Tone VR
025B	1	2462303020	Mask, Tape EQ
027B	6	2979115010	Spring
028B	1	2979115010	Spring
031B	1	2462259010	Bushing, LED
035B	6	2462154010	Knob
037B	1	2462154030	Knob, Phono 1

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
B	1	2461063410	Pocket Cover Assembly
011B	1	2461063050	Escutchion
012B	2	2461254010	Pin
013B	1	2461254020	Pin
014B	1	2461253010	Handle
039B	1	2462154050	Knob, Tape EQ
040B	3	2462154060	Knob,
041B	3	2462154070	Knob
042B	6	2462154080	Knob, Tone VR
043B	1	2462154090	Knob, Volume
045B	2	51690306Q9	Socket Screw, HP 3 x 6
046B	1	2462154100	Knob
050B	2	51340305B0	F.H.M. Screw F3 x 5
051B	2	51280360B0	B.H.M. Screw B3 x 6
052B	2	53118129G0	Hexagon Nut

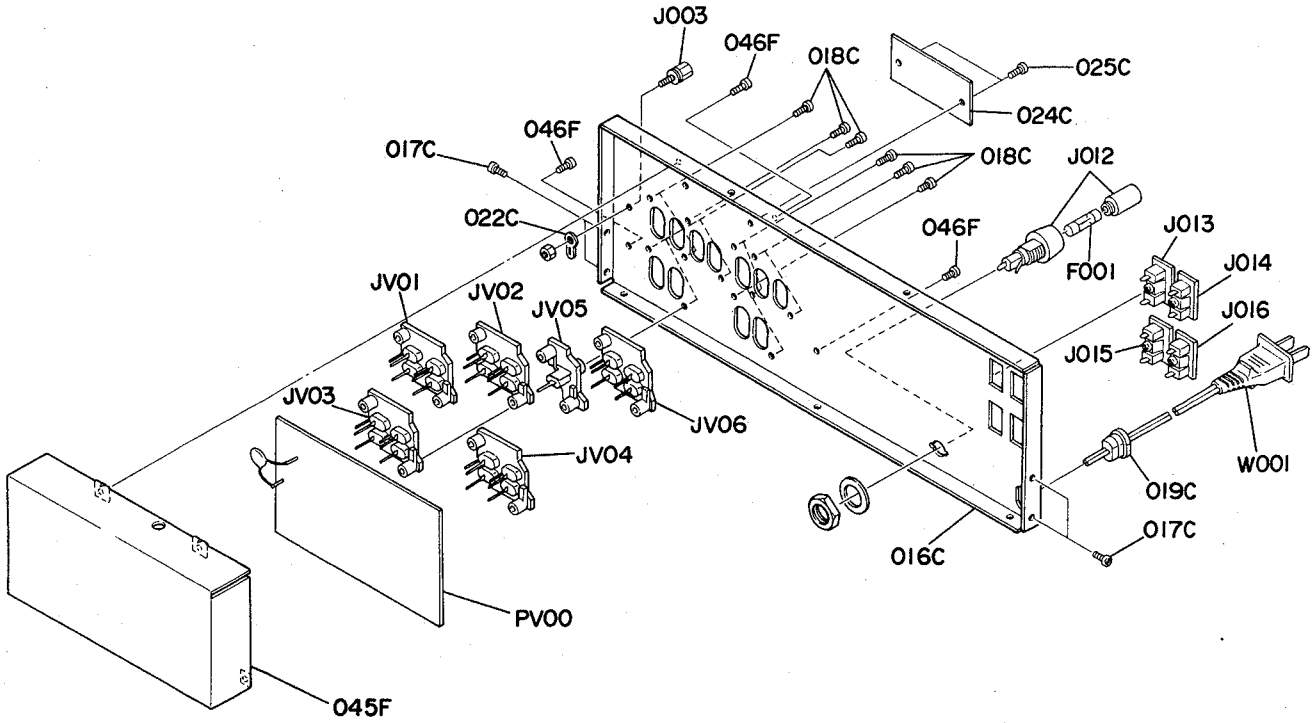
[C02-99] TOP COVER



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
001C	1	2462257010	Lid, Top Cover
002C	4	2965118010	Spacer
003C	6	2991259010	Bushing
004C	2	51280308U0	B.H. Tapped Screw B3 x 8
005C	4	51480406S9	F. Washer Screw F4 x 6
006C	2	51280308U0	B.H. Tapped Screw B3 x 8
009C	1	2462257020	Lid, Bottom Cover
010C	7	51280408U0	B.H. Tapped Screw B4 x 8
011C	1	59040808P1	Washer
012C	4	2932057010	Leg

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
013C	4	51570410S0	P. TAPT. Screw P4 x 10
026C	1	51280406S0	B.H. Tapped Screw B4 x 6
027C	4	59030805P1	Washer

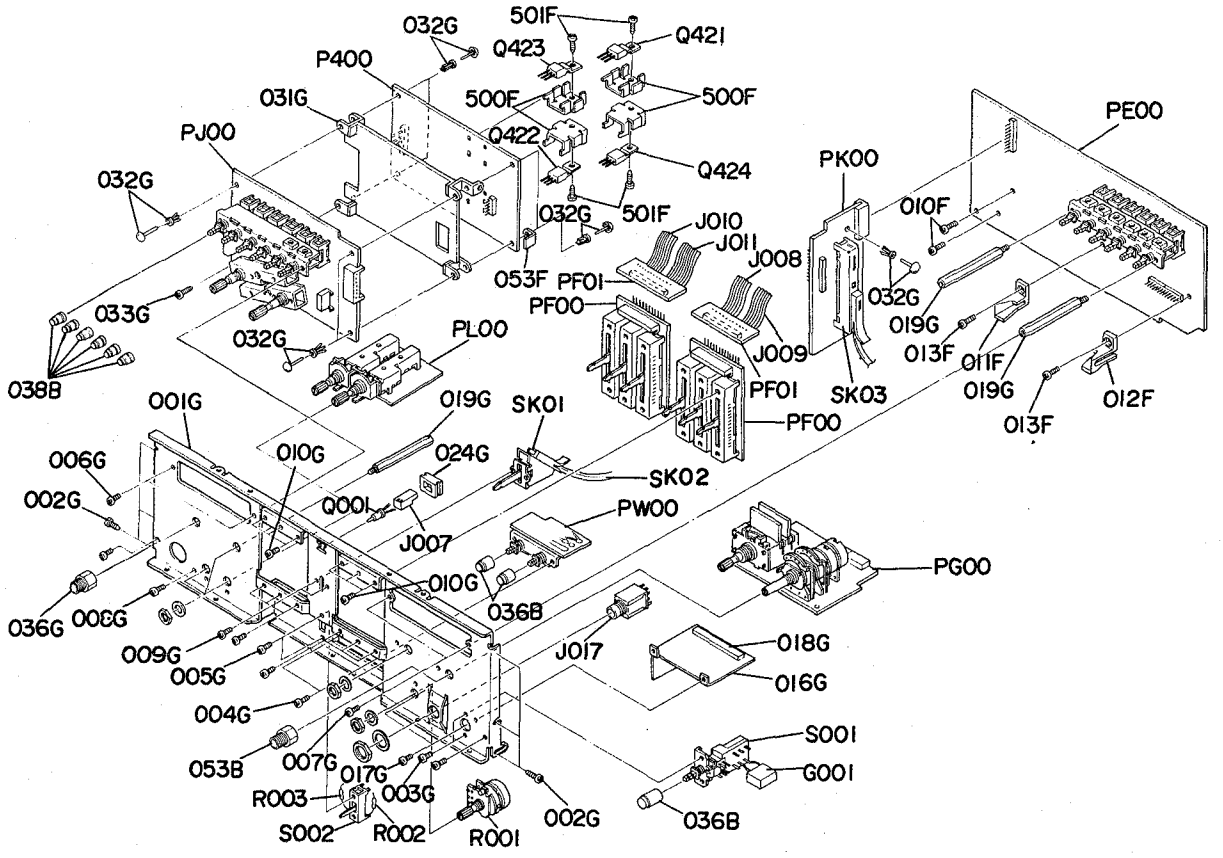
[C03-99] REAR PANEL



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
016C	1	2462160210	Bracket, Rear Panel
017C	4	51280306U0	B.H. Tapped Screw B3 x 6
018C	12	51280308U0	B.H. Tapped Screw B3 x 8
019C	1	1455259090	Bushing
022C	1	62040029W0	Lug
024C	1	2462265010	Indicator
025C	2	51760306B0	OS Tapped Screw
045F	1	2990053020	Cover
046F	4	51280306U0	B.H. Tapped Screw B3 x 6
F001	1	FS10100090	Fuse 1A 250V
J003	1	YT01010050	Terminal, Ground
J012	1	YJ08000230	Jack, Fuse Holder
J013	1	YJ04000560	Jack, AC Outlet
J014	1	YJ04000560	Jack, AC Outlet
J015	1	YJ04000560	Jack, AC Outlet
J016	1	YJ04000560	Jack, AC Outlet
W001	1	YC02400180	A.C. Power Cord

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
PV00	1	YF29780020	P.W. Board, RCA Pin Jack
JV01	1	YT02040290	Terminal, Phono 1, 2
JV02	1	YT02040200	Terminal, Tuner 1 Aux
JV03	1	YT02040200	Terminal, Tape Monitor 1
JV04	1	YT02040200	Terminal, Tape Monitor 2
JV05	1	YT02020190	Terminal, Scope Out
JV06	1	YT02040200	Terminal, Pre Out

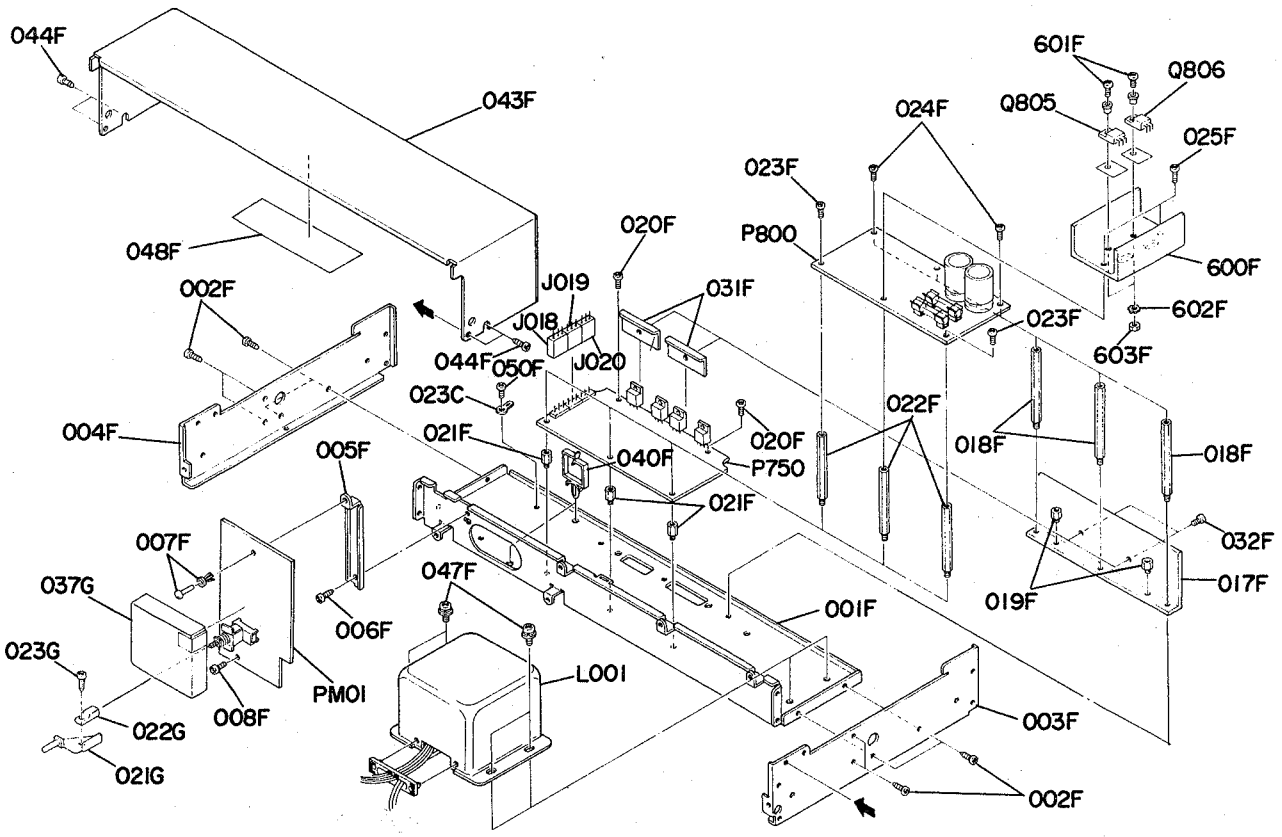
[P01-99] FRONT CHASSIS AND GENERAL PARTS



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
036B	3	2462154020	Knob
038B	6	2462154040	Knob
053B	1	2462101030	Support
001G	1	2462160010	Bracket, Front Chassis
002G	6	51280308B0	B.H. Tapped Screw B3 x 8
003G	2	51100306A9	B.H.M. Screw B3 x 6
004G	2	51100306A9	B.H.M. Screw B3 x 6
005G	2	51102604A9	B.H.M. Screw B2.6 x 4
006G	2	51100306A9	B.H.M. Screw B3 x 6
007G	2	51100306A9	B.H.M. Screw B3 x 6
008G	1	51100306A9	B.H.M. Screw B3 x 6
009G	2	51100306A9	B.H.M. Screw B3 x 6
010G	12	51100305A9	B.H.M. Screw B3 x 5
016G	1	2462109010	Shield
017G	2	51100306A9	B.H.M. Screw B3 x 6
018G	1	2462056010	Buffer
019G	3	2978101050	Support
024G	1	2978259060	Bushing
031G	1	2978109050	Shield
032G	8	2276005050	Clamper
033G	1	51280306B0	B.H. Tapped Screw B3 x 6
036G	1	2462101040	Support
SK01	1	SC00030010	Switch
SK02	1	SB11000010	Switch Band, Flx
SK03	1	SS10040010	Slide Switch

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
010F	2	51280306B0	B.H. Tapped Screw B3 x 6
011F	1	2978051010	Guide
012F	1	2978051110	Guide
013F	2	51280310B0	B.H. Tapped Screw B3 x 10
053F	1	2978120080	Insulator
500F	4	2963267020	Heatsink
501F	4	51280306B0	B.H. Tapped Screw B3 x 6
G001	1	BF10400030	Spark Killer 0.1μF + 120Ω
J007	1	YJ05000250	Jack, LED Socket
J008	1	YU08150210	Jumper Lead, (8P)
J009	1	YU08150210	Jumper Lead, (8P)
J010	1	YU08250210	Jumper Lead, (8P)
J011	1	YU08250210	Jumper Lead, (8P)
J017	1	YJ01001210	Jack, Headphone
Q001	1	HI10004030	L.E.D. SLP-132B
R001	1	RM01040240	Variable Resistor 100KΩ x 2
R002	1	GD05102140	Resistor 1KΩ ±5% ¼W
R003	1	GD05102140	Resistor 1KΩ ±5% ¼W
S001	1	SP04010230	Push Switch, Power
S002	1	SS04020360	Slide Switch, Normal Bypass
P400	1	YG29780020	P.W. Board, Phono Amp.
Q421	1	HT407571C0	Transistor 2SD757(C)
Q422	1	HT407571C0	Transistor 2SD757(C)
Q423	1	HT207171C0	Transistor 2SB717(C)
Q424	1	HT207171C0	Transistor 2SB717(C)

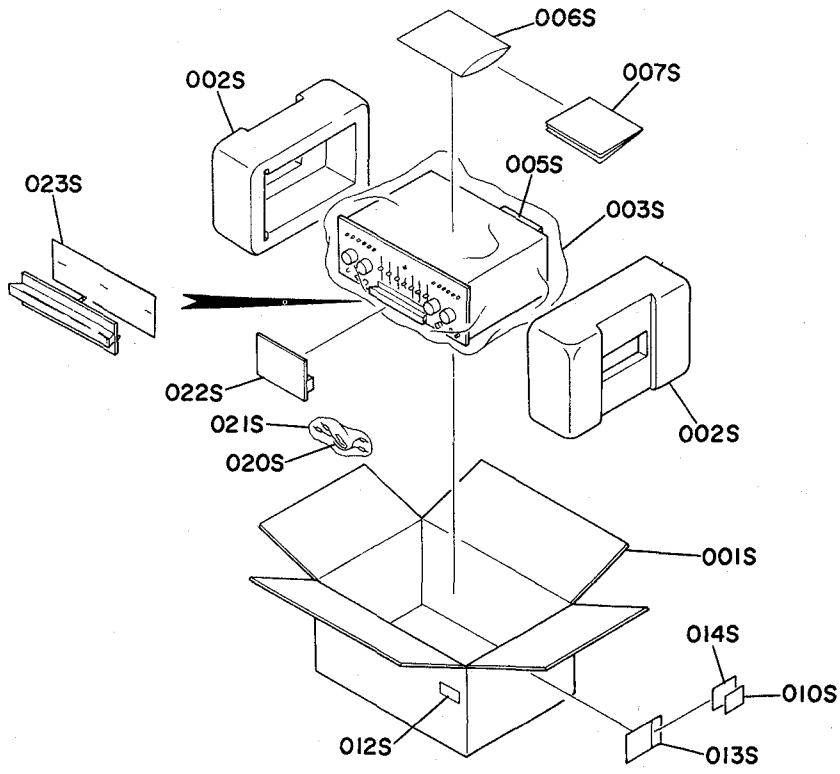
[P02-99] MAIN CHASSIS AND OTHER PARTS



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION	
001F	1	2462105010	Chassis, Main	
002F	8	51280308B0	B.H. Tapped Screw	B3 x 8
003F	1	2978160030	Bracket, (R)	
004F	1	2978160040	Bracket, (L)	
005F	1	2978104050	Retainer	
006F	1	51280306B0	B.H. Tapped Screw	B3 x 6
007F	1	2276005050	Clamper	
008F	1	51280306B0	B.H. Tapped Screw	B3 x 6
017F	1	2462267010	Heatsink	
018F	3	2462101010	Support	
019F	2	2730101040	Support	
020F	2	51100306A9	B.H.M. Screw	B3 x 6
021F	3	2838101010	Support	
022F	3	2462101020	Support	
023F	2	51100306A9	B.H.M. Screw	B3 x 6
024F	2	51100306A9	B.H.M. Screw	B3 x 6
025F	2	51100308A9	B.H.M. Screw	B3 x 8
031F	2	2462005010	Clamper	
032F	2	51100310A9	B.H.M. Screw	B3 x 10
040F	2	2886005010	Clamper	
043F	1	2978053010	Cover	
044F	4	51280306U0	B.H. Tapped Screw	B3 x 6
047F	4	51490408A9	L. Washer Screw	L4 x 8
048F	1	2978120010	Insulator	
050F	1	51280306B0	B.H. Tapped Screw	B3 x 6

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION	
600F	1	2978267050	Heatsink	
601F	2	51100308E9	B.H.M. Screw	B3 x 8
602F	2	54050300R0	T.L. Washer OR	
603F	2	53110303E9	Hexagon Nut	
023C	1	62030049W0	Lug	
021G	1	2462354010	Lever	
022G	1	2891271010	Holder	
023G	1	51100304A9	B.H.M. Screw	B3 x 4
037G	1	2978053050	Cover	
J018	1	YJ06001240	Jack, (3P)	
J019	1	YJ06001240	Jack, (3P)	
J020	1	YJ06001240	Jack, (3P)	
L001	1	TS16617010	Power Transformer	
P750	1	YF24620010	P.W. Board, Headphone Amp.	
P800	1	YF29780010	P.W. Board, Power Supply	
Q805	1	HT403132P0	Transistor	2SD313(D or E)
Q806	1	HT205072P0	Transistor	2SB507(D or E)
PM01	1	YK29780210	P.W. Board, MC Amp.	

[H01-99] PACKING MATERIALS



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
001S	1	2462801010	Packing Case
002S	2	2970809010	Cushion
003S	1	9014335330	Polyethy Bag
005S	1	2864804010	Sleeve
006S	1	9013025010	Polyethy Bag
007S	1	2462851110	Instructions
010S	1	9641000020	Register Card
012S	2	9526019040	Serial NO Card
013S	1	2976813010	Envelope
014S	1	2976851040	Instructions

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
020S	1	ZD01200080	Connective Cord
021S	1	9011325010	Polyethy Bag
022S	1	2462809010	Cushion
023S	1	2461107010	Sheet

電気部品リスト

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
P400	1	YG29780020	P.W. Board, Phono Amp.
			P400-CAPACITORS
C403	1	DF55681090	Film 680pF ±5%
C404	1	DF55681090	Film 680pF ±5%
C405	1	DF55681090	Film 680pF ±5%
C406	1	DF55681090	Film 680pF ±5%
C407	1	DF55681090	Film 680pF ±5%
C408	1	DF55681090	Film 680pF ±5%
C409	1	EA47503590	Elect 4.7μF 35V
C410	1	EA47503590	Elect 4.7μF 35V
C411	1	EQ10603510	Elect 10μF 35V
C412	1	EQ10603510	Elect 10μF 35V
C413	1	DF74103010	Film 0.01μF ±2%
C414	1	DF74103010	Film 0.01μF ±2%
C415	1	DF74333010	Film 0.033μF ±2%
C416	1	DF74333010	Film 0.033μF ±2%
C417	1	EA22703590	Elect 220μF 35V
C418	1	EA22703590	Elect 220μF 35V
C419	1	DF17474510	Film 0.47μF ±20% 250V
C420	1	DF17474510	Film 0.47μF ±20% 250V
C421	1	DF15222300	Film 0.0022μF ±5%
C422	1	DF15222300	Film 0.0022μF ±5%
C423	1	EA22701090	Elect 220μF 10V
C424	1	EA22701090	Elect 220μF 10V
C425	1	DF15103300	Film 0.01μF ±5%
C426	1	DF15103300	Film 0.01μF ±5%
C427	1	DF15103300	Film 0.01μF ±5%
C428	1	DF15103300	Film 0.01μF ±5%
C431	1	DF15332300	Film 0.0033μF ±5%
C432	1	DF15332300	Film 0.0033μF ±5%
C433	1	DD15470300	Ceramic 47pF ±5%
C434	1	DD15470300	Ceramic 47pF ±5%
C435	1	DD15470300	Ceramic 47pF ±5%
C436	1	DD15470300	Ceramic 47pF ±5%
C437	1	DK18473310	Ceramic 0.047μF +100%–0
C438	1	DK18473310	Ceramic 0.047μF +100%–0
			P400-RESISTORS
			(All Resistors are ±5% and ¼W)
R401	1	GD05101140	100Ω
R402	1	GD05101140	100Ω
R403	1	GD05104140	100KΩ
R404	1	GD05104140	100KΩ
R405	1	GM21426710	2.67KΩ ±2%
R406	1	GM21426710	2.67KΩ ±2%
R407	1	GM21426710	2.67KΩ ±2%
R408	1	GM21426710	2.67KΩ ±2%
R409	1	GD05471140	470Ω
R410	1	GD05471140	470Ω
R411	1	GD05471140	470Ω
R412	1	GD05471140	470Ω
R413	1	GD05621140	620Ω
R414	1	GD05621140	620Ω
R415	1	GD05272140	2.7KΩ
R416	1	GD05272140	2.7KΩ
R417	1	GD05272140	2.7KΩ
R418	1	GD05272140	2.7KΩ
R419	1	GD05122140	1.2KΩ
R420	1	GD05122140	1.2KΩ

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
R421	1	GD05122140	1.2KΩ
R422	1	GD05122140	1.2KΩ
R423	1	GD05680140	68Ω
R424	1	GD05680140	68Ω
R425	1	GD05680140	68Ω
R426	1	GD05680140	68Ω
R427	1	GD05101140	100Ω
R428	1	GD05101140	100Ω
R429	1	GD05100140	10Ω
R430	1	GD05100140	10Ω
R431	1	GD05100140	10Ω
R432	1	GD05100140	10Ω
R433	1	GD05273140	27KΩ
R434	1	GD05273140	27KΩ
R435	1	GM21413000	130Ω ±2%
R436	1	GM21413000	130Ω ±2%
R437	1	GM21475010	7.5KΩ ±2%
R438	1	GM21475010	7.5KΩ ±2%
R439	1	GD05101140	100Ω
R440	1	GD05101140	100Ω
R441	1	GM21490920	90.9KΩ ±2%
R442	1	GM21490920	90.9KΩ ±2%
R443	1	GD05472140	4.7KΩ
R444	1	GD05472140	4.7KΩ
R445	1	GD05241140	240Ω
R446	1	GD05241140	240Ω
R447	1	GD05104140	100KΩ
R448	1	GD05104140	100KΩ
R449	1	GG05470140	47Ω
R450	1	GG05470140	47Ω
R451	1	GD05224140	220KΩ
R452	1	GD05224140	220KΩ
R453	1	GD05683140	68KΩ
R454	1	GD05683140	68KΩ
R455	1	GD05222140	2.2KΩ
R456	1	GD05222140	2.2KΩ
			P400-SEMICONDUCTORS
Q401	1	HF201301M0	F.E.T. 2SK130A(M)
Q402	1	HF201301M0	F.E.T. 2SK130A(M)
Q403	1	HF201301M0	F.E.T. 2SK130A(M)
Q404	1	HF201301M0	F.E.T. 2SK130A(M)
Q405	1	HT322401B0	Transistor 2SC2240(BL)
Q406	1	HT322401B0	Transistor 2SC2240(BL)
Q407	1	HT109701B0	Transistor 2SA970(BL)
Q408	1	HT109701B0	Transistor 2SA970(BL)
Q409	1	HT109701B0	Transistor 2SA970(BL)
Q410	1	HT109701B0	Transistor 2SA970(BL)
Q411	1	HT322401A0	Transistor 2SC2240(GR)
Q412	1	HT322401A0	Transistor 2SC2240(GR)
Q413	1	HT108722D0	Transistor 2SA872A(D or E)
Q414	1	HT108722D0	Transistor 2SA872A(D or E)
Q415	1	HT317752D0	Transistor 2SC1775A(D or E)
Q416	1	HT317752D0	Transistor 2SC1775A(D or E)
Q417	1	HT317752D0	Transistor 2SC1775A(D or E)
Q418	1	HT317752D0	Transistor 2SC1775A(D or E)
Q419	1	HT108722D0	Transistor 2SA872A(D or E)
Q420	1	HT108722D0	Transistor 2SA872A(D or E)

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
Q421	1	HT407571C0	Transistor 2SD757(C)
Q422	1	HT407571C0	Transistor 2SD757(C)
Q423	1	HT207171C0	Transistor 2SB717(C)
Q424	1	HT207171C0	Transistor 2SB717(C)
Q425	1	HV00002060	Varistor VD1212
Q426	1	HV00002060	Varistor VD1212
Q427	1	HD20003210	Diode 1S2471
Q428	1	HD20003210	Diode 1S2471
Q429	1	HD20003210	Diode 1S2471
Q430	1	HD20003210	Diode 1S2471
Q431	1	HD20003210	Diode 1S2471
Q432	1	HD20003210	Diode 1S2471
Q433	1	HV00006120	Varistor MV203(Y)
Q434	1	HV00006120	Varistor MV203(Y)
Q435	1	HV00004060	Varistor VD1210
Q436	1	HV00004060	Varistor VD1210
Q437	1	HD20003210	Diode 1S2471
Q439	1	HT322401B0	Transistor 2SC2240(BL)
Q440	1	HT322401B0	Transistor 2SC2240(BL)
Q441	1	HT322401B0	Transistor 2SC2240(BL)
Q442	1	HT322401B0	Transistor 2SC2240(BL)
			P400-MISCELLANEOUS
J401	1	YP06001650	Plug (10P)
J402	1	YP06001650	Plug (6P)
L401	1	LY20240120	Rellay
P750	1	YF24620010	P.W. Board, Headphone Amp.
			P750-CAPACITORS
C751	1	DF17224010	Film 0.22μF ±20%
C752	1	DF17224010	Film 0.22μF ±20%
C755	1	EA10702590	Elect 100μF 25V
C757	1	EA10801690	Elect 1000μF 16V
C758	1	EA10801690	Elect 1000μF 16V
C759	1	DK18103510	Ceramic 0.01μF
C760	1	EB33803530	Elect 3300μF 35V
C761	1	DF16104300	Film 0.1μF ±10%
C762	1	DF16104300	Film 0.1μF ±10%
C763	1	DF16104300	Film 0.1μF ±10%
C764	1	DF16104300	Film 0.1μF ±10%
			P750-RESISTORS (All Resistors are ±5% and ¼W)
R751	1	GD05102140	1KΩ
R752	1	GD05102140	1KΩ
R753	1	GD05224140	220KΩ
R754	1	GD05224140	220KΩ
R755	1	GD05224140	220KΩ
R756	1	GD05224140	220KΩ
R757	1	GD05221140	220Ω
R758	1	GD05221140	220Ω
R759	1	GD05221140	220Ω
R760	1	GD05221140	220Ω
R761	1	GD05273140	27KΩ
R762	1	GD05273140	27KΩ
R763	1	GG05102120	1KΩ ½W
R765	1	GD05102140	1KΩ
R766	1	GD05102140	1KΩ

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
R767	1	GG05056120	5.6Ω ½W
R768	1	GG05056120	5.6Ω ½W
R769	1	GG05056120	5.6Ω ½W
R770	1	GG05056120	5.6Ω ½W
R771	1	GD05331140	330Ω
R772	1	GD05331140	330Ω
R773	1	GD05474140	470KΩ
R774	1	GD05474140	470KΩ
R775	1	GD05330140	33Ω
R776	1	GD05330140	33Ω
			P750-SEMICONDUCTORS
Q751	1	HT107501B0	Transistor 2SA750(E)
Q752	1	HT107501B0	Transistor 2SA750(E)
Q753	1	HT314001E0	Transistor 2SC1400(E)
Q754	1	HT314001E0	Transistor 2SC1400(E)
Q755	1	HT107501B0	Transistor 2SA750(E)
Q756	1	HT107501B0	Transistor 2SA750(E)
Q757	1	HT314001E0	Transistor 2SC1400(E)
Q758	1	HT314001E0	Transistor 2SC1400(E)
Q759	1	HV00006120	Varistor MV203(Y)
Q760	1	HV00006120	Varistor MV203(Y)
Q761	1	HV00006120	Varistor MV203(Y)
Q762	1	HV00006120	Varistor MV203(Y)
Q763	1	HV00002060	Varistor VD1212
Q764	1	HV00002060	Varistor VD1212
Q765	1	HV00002060	Varistor VD1212
Q766	1	HV00002060	Varistor VD1212
Q767	1	HT314001E0	Transistor 2SC1400(E)
Q768	1	HT314001E0	Transistor 2SC1400(E)
Q769	1	HT107501B0	Transistor 2SA750(E)
Q770	1	HT107501B0	Transistor 2SA750(E)
Q771	1	HT403132P0	Transistor 2SD313(D or E)
Q772	1	HT403132P0	Transistor 2SD313(D or E)
Q773	1	HT205072P0	Transistor 2SB507(D or E)
Q774	1	HT205072P0	Transistor 2SB507(D or E)
Q775	1	HE20001080	Diode RB-152
Q776	1	HD30030090	Zener WZ177
			P750-PLUG
J751	1	YP06001070	Plug, (9P)
P800	1	YF29780010	P.W. Board, Power Supply
			P800-CAPACITORS
C801	1	DK18103510	Ceramic 0.01μF 500V
C802	1	DK18103510	Ceramic 0.01μF 500V
C803	1	DF17474510	Film 0.47μF ±20% 250V
C804	1	DF17474510	Film 0.47μF ±20% 250V
C805	1	EB10805060	Elect 1000μF 50V
C806	1	EB10805060	Elect 1000μF 50V
C807	1	DF15103350	Film 0.01μF ±5%
C808	1	DF15103350	Film 0.01μF ±5%
C809	1	EA10701090	Elect 100μF 10V
C810	1	EA47503590	Elect 4.7μF 35V

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
C811	1	EA47503590	Elect 4.7μF 35V
C812	1	EA10803590	Elect 1000μF 35V
C813	1	EA10803590	Elect 1000μF 35V
C814	1	DF17474510	Film 0.47μF ±20% 250V
C815	1	DF17474510	Film 0.47μF ±20% 250V
			P800-RESISTORS
			(All Resistors are ±5% and ¼W)
R803	1	GD05102140	1KΩ
R804	1	GD05102140	1KΩ
R807	1	GG05682120	6.8KΩ ½W
R808	1	GD05473140	47KΩ
R809	1	GD05103140	10KΩ
R810	1	RA04720050	4.7KΩ (B) Trimming
R811	1	GD05473140	47KΩ
R812	1	GD05473140	47KΩ
R813	1	GD05162140	1.6KΩ
R814	1	GG05151140	150Ω
R815	1	GG05151140	150Ω
			P800-SEMICONDUCTORS
Q801	1	HF200301C0	F.E.T. 2SK30A(Y)
Q802	1	HF200301C0	F.E.T. 2SK30A(Y)
Q803	1	HT315091Q0	Transistor 2SC1509(Q)
Q804	1	HT107771Q0	Transistor 2SA777(Q)
Q805	1	HT403132P0	Transistor 2SD313(D or E)
Q806	1	HT205072P0	Transistor 2SB507(D or E)
Q807	1	HT322402A0	Transistor 2SC2240(GR or BL)
Q808	1	HT109702A0	Transistor 2SA970(GR or BL)
Q809	1	HE10001030	Diode DS133B-L
Q810	1	HE10001030	Diode DS133B-L
Q811	1	HD30008010	Zener HZ-6L(B)
			P800-MISCELLANEOUS
F801	1	FS10100080	Fuse 1A 250V
F802	1	FS10100080	Fuse 1A 250V
J801 ~ J804	4	YJ08000170	Jack, Fuse Holder
PE00	1	YN29782210	P.W. Board, Pre Amp.
			PE00-CAPACITORS
CD01	1	DF16103300	Film 0.01μF ±10%
CD03	1	EA10701090	Elect 100μF 10V
CE01	1	DD15330370	Ceramic 33pF ±5%
CE02	1	DD15330370	Ceramic 33pF ±5%
CE03	1	DF15152350	Film 0.0015μF ±5%
CE04	1	DF15152350	Film 0.0015μF ±5%
CE05	1	EA22701090	Elect 220μF 10V
CE06	1	EA22701090	Elect 220μF 10V
CE07	1	DF15152350	Film 0.0015μF ±5%
CE08	1	DF15152350	Film 0.0015μF ±5%
CE09	1	EA10601690	Elect 10μF 16V
CE10	1	EA10601690	Elect 10μF 16V

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
CE11	1	DD15360300	Ceramic 36pF ±5%
CE12	1	DD15360300	Ceramic 36pF ±5%
CE13	1	EQ10603510	Elect 10μF 35V
CE14	1	EQ10603510	Elect 10μF 35V
CE15	1	DD15330330	Ceramic 33pF ±5%
CE16	1	DD15330300	Ceramic 33pF ±5%
CE17	1	EA10703590	Elect 100μF 35V
CE18	1	EA10703590	Elect 100μF 35V
CE19	1	DF17474510	Film 0.47μF ±20%
CE20	1	DF17474510	Film 0.47μF ±20%
CE23	1	DF15152350	Film 0.0015μF ±5%
CE24	1	DF15152350	Film 0.0015μF ±5%
CE25	1	DF15152350	Film 0.0015μF ±5%
CE26	1	DF15152350	Film 0.0015μF ±5%
CE27	1	DD15360300	Ceramic 36pF ±5%
CE28	1	DD15360300	Ceramic 36pF ±5%
CE29	1	EA10601690	Elect 10μF 16V
CE30	1	EA10601690	Elect 10μF 16V
CE31	1	EQ10603510	Elect 10μF 35V
CE32	1	EQ10603510	Elect 10μF 35V
CE33	1	DD15330300	Ceramic 33pF ±5%
CE34	1	DD15330300	Ceramic 33pF ±5%
CH01	1	DF16104300	Film 0.1μF ±10%
CH02	1	DF16104300	Film 0.1μF ±10%
CH03	1	EA47503590	Elect 4.7μF 35V
CH04	1	EA47503590	Elect 4.7μF 35V
CH05	1	EA33603590	Elect 33μF 35V
CH06	1	EA33603590	Elect 33μF 35V
CH07	1	EA10703590	Elect 100μF 35V
CH08	1	EA10703590	Elect 100μF 35V
CH09	1	DF17474510	Film 0.47μF ±20%
CH10	1	DF17474510	Film 0.47μF ±20%
CH11	1	DF15224300	Film 0.22μF ±5%
CH12	1	DF15224300	Film 0.22μF ±5%
CH13	1	DF15224300	Film 0.22μF ±5%
CH14	1	DF15224300	Film 0.22μF ±5%
CH15	1	DF15224300	Film 0.22μF ±5%
CH16	1	DF15224300	Film 0.22μF ±5%
CH17	1	DF15152350	Film 0.0015μF ±5%
CH18	1	DF15152350	Film 0.0015μF ±5%
CH19	1	DF15222350	Film 0.0022μF ±5%
CH20	1	DF15222350	Film 0.0022μF ±5%
CH21	1	DF55391090	Film 390pF ±5%
CH22	1	DF55391090	Film 390pF ±5%
CH23	1	DF15683300	Film 0.068μF ±5%
CH24	1	DF15683300	Film 0.068μF ±5%
CH25	1	DF15683300	Film 0.068μF ±5%
CH26	1	DF15683300	Film 0.068μF ±5%
CH27	1	DF15182350	Film 0.0018μF ±5%
CH28	1	DF15182350	Film 0.0018μF ±5%

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
			PE00-RESISTORS
			(All Resistors are ±5% and ¼W)
RD01	1	GA05472010	4.7KΩ 1W
RD04	1	GD05103140	10KΩ
RD05	1	GD05394140	390KΩ
RD06	1	GD05104140	100KΩ
RD07	1	GD05753140	75KΩ
RD08	1	GD05103140	10KΩ
RD09	1	GD05153140	15KΩ
RD10	1	GD05182140	1.8KΩ
RD11	1	GD05101140	100Ω
RE01	1	GD05331140	330Ω
RE02	1	GD05331140	330Ω
RE03	1	GD05224140	220KΩ
RE04	1	GD05224140	220KΩ
RE05	1	GD05222140	2.2KΩ
RE06	1	GD05222140	2.2KΩ
RE07	1	GD05222140	2.2KΩ
RE08	1	GD05222140	2.2KΩ
RE09	1	GD05101140	100Ω
RE10	1	GD05101140	100Ω
RE11	1	GD05101140	100Ω
RE12	1	GD05101140	100Ω
RE13	1	GD05223140	22KΩ
RE14	1	GD05223140	22KΩ
RE15	1	GD05560140	56Ω
RE16	1	GD05560140	56Ω
RE17	1	GD05182140	1.8KΩ
RE18	1	GD05182140	1.8KΩ
RE19	1	GD05222140	2.2KΩ
RE20	1	GD05222140	2.2KΩ
RE21	1	GD05222140	2.2KΩ
RE22	1	GD05222140	2.2KΩ
RE23	1	GD05151140	150Ω
RE24	1	GD05151140	150Ω
RE25	1	GD05151140	150Ω
RE26	1	GD05151140	150Ω
RE27	1	GD05473140	47KΩ
RE28	1	GD05473140	47KΩ
RE29	1	GD05473140	47KΩ
RE30	1	GD05473140	47KΩ
RE31	1	GD05560140	56Ω
RE32	1	GD05560140	56Ω
RE33	1	GD05102140	1KΩ
RE34	1	GD05102140	1KΩ
RE35	1	GG05270140	27Ω
RE36	1	GG05270140	27Ω
RE37	1	GG05270140	27Ω
RE38	1	GG05270140	27Ω
RE39	1	GD05047140	4.7Ω
RE40	1	GD05047140	4.7Ω
RE41	1	GD05104140	100KΩ
RE42	1	GD05104140	100KΩ
RE43	1	GD05183140	18KΩ
RE44	1	GD05183140	18KΩ
RE45	1	GD05331140	330Ω
RE46	1	GD05331140	330Ω
RE49	1	GD05222140	2.2KΩ
RE50	1	GD05222140	2.2KΩ
RE51	1	GD05222140	2.2KΩ
RE52	1	GD05222140	2.2KΩ

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
RE53	1	GD05101140	100Ω
RE54	1	GD05101140	100Ω
RE55	1	GD05101140	100Ω
RE56	1	GD05101140	100Ω
RE57	1	GD05223140	22KΩ
RE58	1	GD05223140	22KΩ
RE59	1	GD05222140	2.2KΩ
RE60	1	GD05222140	2.2KΩ
RE61	1	GD05222140	2.2KΩ
RE62	1	GD05222140	2.2KΩ
RE63	1	GD05560140	56Ω
RE64	1	GD05560140	56Ω
RE65	1	GD05560140	56Ω
RE66	1	GD05560140	56Ω
RE67	1	GD05473140	47KΩ
RE68	1	GD05473140	47KΩ
RE69	1	GD05473140	47KΩ
RE70	1	GD05473140	47KΩ
RE71	1	GD05151140	150Ω
RE72	1	GD05151140	150Ω
RE73	1	GD05151140	150Ω
RE74	1	GD05151140	150Ω
RE75	1	GD05102140	1KΩ
RE76	1	GD05102140	1KΩ
RE77	1	GG05270140	27Ω
RE78	1	GG05270140	27Ω
RE79	1	GG05270140	27Ω
RE80	1	GG05270140	27Ω
RE83	1	GD05104140	100KΩ
RE84	1	GD05104140	100KΩ
RE85	1	GD05105140	1MΩ
RE86	1	GD05105140	1MΩ
RE87	1	GA05680010	68Ω 1W
RE88	1	GA05680010	68Ω 1W
RH01	1	GD05331140	330Ω
RH02	1	GD05331140	330Ω
RH03	1	GD05471140	470Ω
RH04	1	GD05471140	470Ω
RH05	1	GD05471140	470Ω
RH06	1	GD05471140	470Ω
RH07	1	GD05332140	3.3KΩ
RH08	1	GD05332140	3.3KΩ
RH09	1	GD05332140	3.3KΩ
RH10	1	GD05332140	3.3KΩ
RH11	1	GD05104140	100KΩ
RH12	1	GD05104140	100KΩ
RH13	1	GD05101140	100Ω
RH14	1	GD05101140	100Ω
RH15	1	GD05101140	100Ω
RH16	1	GD05101140	100Ω
RH17	1	GG05047140	4.7Ω
RH18	1	GG05047140	4.7Ω
RH19	1	GG05047140	4.7Ω
RH20	1	GG05047140	4.7Ω

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
RH21	1	GD05105140	1MΩ
RH22	1	GD05105140	1MΩ
RH23	1	GD05104140	100KΩ
RH24	1	GD05104140	100KΩ
RH25	1	GA05680010	68Ω 1W
RH26	1	GA05680010	68Ω 1W
RH27	1	GD05393140	39KΩ
RH28	1	GD05393140	39KΩ
RH29	1	GD05153140	15KΩ
RH30	1	GD05153140	15KΩ
RH31	1	GD05304140	300KΩ
RH32	1	GD05304140	300KΩ
RH33	1	GD05113140	11KΩ
RH34	1	GD05113140	11KΩ
RH35	1	GD05113140	11KΩ
RH36	1	GD05113140	11KΩ
RH37	1	GD05113140	11KΩ
RH38	1	GD05113140	11KΩ
RH39	1	GD05182140	1.8KΩ
RH40	1	GD05182140	1.8KΩ
RH41	1	GD05153140	15KΩ
RH42	1	GD05153140	15KΩ
RH43	1	GD05224140	220KΩ
RH44	1	GD05224140	220KΩ
RH45	1	GD05101140	100Ω
RH46	1	GD05101140	100Ω
RH47	1	GD05150140	15Ω
RH48	1	GD05150140	15Ω
RH49	1	GD05150140	15Ω
RH50	1	GD05150140	15Ω
			PE00-SEMICONDUCTORS
QD01	1	HT110152A0	Transistor 2SA1015(O or Y)
QD02	1	HT318152A0	Transistor 2SC1815(O or Y)
QD03	1	HT318152A0	Transistor 2SC1815(O or Y)
QD05	1	HD20003210	Diode 1S2471
QD06	1	HD20003210	Diode 1S2471
QE01	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE02	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE03	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE04	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE05	1	HT108722D0	Transistor 2SA872A(D or E)
QE06	1	HT108722D0	Transistor 2SA872A(D or E)
QE07	1	HT108722D0	Transistor 2SA872A(D or E)
QE08	1	HT108722D0	Transistor 2SA872A(D or E)
QE09	1	HT317752D0	Transistor 2SC1775A(D or E)
QE10	1	HT317752D0	Transistor 2SC1775A(D or E)
QE11	1	HT406661C0	Transistor 2SD666(C)
QE12	1	HT406661C0	Transistor 2SD666(C)
QE13	1	HT206461C0	Transistor 2SB646(C)
QE14	1	HT206461C0	Transistor 2SB646(C)
QE15	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE16	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE17	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE18	1	HF201172B0	F.E.T. 2SK117(Y or GR)
QE19	1	HT108722D0	Transistor 2SA872A(D or E)
QE20	1	HT108722D0	Transistor 2SA872A(D or E)

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
QE21	1	HT108722D0	Transistor 2SA872A(D or E)
QE22	1	HT108722D0	Transistor 2SA872A(D or E)
QE23	1	HT317752D0	Transistor 2SC1775A(D or E)
QE24	1	HT317752D0	Transistor 2SC1775A(D or E)
QE25	1	HT406661C0	Transistor 2SD666(C)
QE26	1	HT406661C0	Transistor 2SD666(C)
QE27	1	HT206461C0	Transistor 2SB646(C)
QE28	1	HT206461C0	Transistor 2SB646(C)
QE29	1	HD20003210	Diode 1S2471
QE30	1	HD20003210	Diode 1S2471
QE31	1	HV00009120	Varistor MV103(W)
QE32	1	HV00009120	Varistor MV103(W)
QE33	1	HD20003210	Diode 1S2471
QE34	1	HD20003210	Diode 1S2471
QE35	1	HV00009120	Varistor MV103(W)
QE36	1	HV00009120	Varistor MV103(W)
QH01	1	HT108722D0	Transistor 2SA872(D or E)
QH02	1	HT108722D0	Transistor 2SA872(D or E)
QH03	1	HT317752D0	Transistor 2SC1775(D or E)
QH04	1	HT317752D0	Transistor 2SC1775(D or E)
QH05	1	HT322401A0	Transistor 2SC2240(GR)
QH06	1	HT322401A0	Transistor 2SC2240(GR)
QH07	1	HT109701A0	Transistor 2SA970(GR)
QH08	1	HT109701A0	Transistor 2SA970(GR)
QH09	1	HT406661C0	Transistor 2SD666(C)
QH10	1	HT406661C0	Transistor 2SD666(C)
QH11	1	HT206461C0	Transistor 2SB646(C)
QH12	1	HT206461C0	Transistor 2SB646(C)
			PE00-MISCELLANEOUS
LD01	1	LY20240120	Relay
JH01	1	YP06901160	Plug, (12P)
JH02	1	YP06901140	Plug, (7P)
JH03	1	YP06901140	Plug, (7P)
SH01	1	SP04060090	Push Switch
PF00	2	YN29782240	P.W. Board, Tone VR.
			PE00-CAPACITORS
CF01	2	DF15153300	Film 0.015μF ±5%
CF02	2	DF15153300	Film 0.015μF ±5%
CF03	2	DF15562300	Film 0.0056μF ±5%
CF04	2	DF15331370	Ceramic 330pF ±5%
CF05	2	DF15562300	Film 0.0056μF ±5%
CF06	2	DF15103300	Film 0.01μF ±5%
CF07	2	DF15103300	Film 0.01μF ±5%
CF08	2	DD15221370	Ceramic 220pF ±5%
			PF00-RESISTORS **(All Resistors are ±5% and ¼W)**
RF01	2	RX01040040	Variable, Bass 100KΩ
RF02	2	RX01040040	Variable, Mid 100KΩ
RF03	2	RX01040040	Variable, Treble 100KΩ

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
RF04	2	GD05183140	18KΩ
RF05	2	GD05183140	18KΩ
RF06	2	GD05273140	27KΩ
RF07	2	GD05273140	27KΩ
RF08	2	GD05562140	5.6KΩ
RF09	2	GD05562140	5.6KΩ
RF11	2	GD05392140	3.9KΩ
RF12	2	GD05562140	5.6KΩ
RF13	2	GD05562140	5.6KΩ
			PF00-JACK
JF01	2	YJ06000400	Jack, (10P)
PF01	2	YN29782220	P.W. Board, Tone VR. Connector
JF02	2	YP06000400	Plug, (10P)
PG00	1	YN29782230	P.W. Board, Volume Buffer Amp.
			PG00-CAPACITORS
CG01	1	DF16104300	Film 0.1μF ±10%
CG02	1	DF16104300	Film 0.1μF ±10%
CG05	1	EA33603590	Elect 33μF 35V
CG06	1	EA33603590	Elect 33μF 35V
			PG00-RESISTORS
			(All Resistors are ±5% and ¼W)
RG01	1	RG05030070	50KΩ x 4 Variable
RG03	1	GD05471140	470Ω
RG04	1	GD05471140	470Ω
RG05	1	GD05471140	470Ω
RG06	1	GD05471140	470Ω
RG07	1	GD05332140	3.3KΩ
RG08	1	GD05332140	3.3KΩ
RG09	1	GD05332140	3.3KΩ
RG10	1	GD05332140	3.3KΩ
RG11	1	GD05104140	100KΩ
RG12	1	GD05104140	100KΩ
RG13	1	GD05101140	100Ω
RG14	1	GD05101140	100Ω
RG15	1	GD05101140	100Ω
RG16	1	GD05101140	100Ω
RG17	1	GG05047140	4.7Ω
RG18	1	GG05047140	4.7Ω
RG19	1	GG05047140	4.7Ω
RG20	1	GG05047140	4.7Ω
RG21	1	GD05224140	220KΩ
RG22	1	GD05224140	220KΩ
RG23	1	GD05224140	220KΩ
RG24	1	GD05224140	220KΩ
RG25	1	GD05331140	330Ω
RG26	1	GD05331140	330Ω
RG27	1	GD05102140	1KΩ
RG28	1	GD05102140	1KΩ
RG29	1	GD05150140	15Ω

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
RG30	1	GD05150140	15Ω
RG31	1	GD05150140	15Ω
RG32	1	GD05150140	15Ω
RG33	1	GD05332140	3.3KΩ
RG34	1	GD05332140	3.3KΩ
			PG00-SEMICONDUCTORS
QG01	1	HT108722D0	Transistor 2SA872A(D or E)
QG02	1	HT108722D0	Transistor 2SA872A(D or E)
QG03	1	HT317752D0	Transistor 2SC1775A(D or E)
QG04	1	HT317752D0	Transistor 2SC1775A(D or E)
QG05	1	HT322401A0	Transistor 2SC2240(GR)
QG06	1	HT322401A0	Transistor 2SC2240(GR)
QG07	1	HT109701A0	Transistor 2SA970(GR)
QG08	1	HT109701A0	Transistor 2SA970(GR)
QG09	1	HT406661C0	Transistor 2SD666(C)
QG10	1	HT406661C0	Transistor 2SD666(C)
QG11	1	HT206461C0	Transistor 2SB646(C)
QG12	1	HT206461C0	Transistor 2SB646(C)
			PG00-MISCELLANEOUS
JG01	1	YJ06901660	Jack, (7P)
JG02	1	YJ06901660	Jack, (7P)
SG01	1	SR04050180	Rotary Switch
PG00	1	YF29780030	P.W. Board, Selector Switch
CJ01	1	EA47503590	Elect Cap. 4.7μF 35V
			PJ00-MISCELLANEOUS
JJ01	1	YJ06901970	Jack, (10P)
JJ02	1	YJ06901980	Jack, (6P)
JJ03	1	YJ06901680	Jack, (12P)
SJ01	1	SP06060100	Push Switch, Input
SJ02	1	SR04050170	Rotary Switch, Record, 1
SJ03	1	SR04050170	Rotary Switch, Record, 2
PK00	1	YF29780040	P.W. Board, Tape EQ
			PK00-CAPACITORS
CK03	1	EA10603590	Elect 10μF 35V
CK04	1	EA10603590	Elect 10μF 35V
CK05	1	EA10605090	Elect 10μF 50V
CK06	1	EA10605090	Elect 10μF 50V
CK08	1	EA10703590	Elect 100μF 35V
CK09	1	EA10703590	Elect 100μF 35V
CK13	1	DD15471370	Ceramic 470pF ±5%
CK14	1	DD15471370	Ceramic 470pF ±5%
			PK00-RESISTORS
			(All Resistors are ±5% and ¼W)
RK01	1	GD05221140	220Ω
RK02	1	GD05221140	220Ω
RK03	1	GD05273140	27KΩ
RK04	1	GD05273140	27KΩ
RK05	1	GD05273140	27KΩ

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
RK06	1	GD05273140	27KΩ
RK13	1	GD05101140	100Ω
RK14	1	GD05101140	100Ω
RK15	1	GD05101140	100Ω
RK16	1	GD05101140	100Ω
RK17	1	GD05047140	4.7Ω
RK18	1	GD05047140	4.7Ω
RK19	1	GD05047140	4.7Ω
RK20	1	GD05047140	4.7Ω
RK21	1	GD05047140	4.7Ω
RK22	1	GD05047140	4.7Ω
RK23	1	GD05104140	100KΩ
RK24	1	GD05104140	100KΩ
RK25	1	GF05151120	150Ω ½W
RK26	1	GF05151120	150Ω ½W
RK27	1	GD05224140	220KΩ
RK28	1	GD05224140	220KΩ
RK29	1	GD05150140	15Ω
RK30	1	GD05150140	15Ω
RK31	1	GD05150140	15Ω
RK32	1	GD05150140	15Ω
RK33	1	GD05221140	220Ω
RK34	1	GD05221140	220Ω
			PK00-SEMICONDUCTORS
QK01	1	HT108722D0	Transistor 2SA872A(D or E)
QK02	1	HT108722D0	Transistor 2SA872A(D or E)
QK03	1	HT317752D0	Transistor 2SC1775A(D or E)
QK04	1	HT317752D0	Transistor 2SC1775A(D or E)
QK09	1	HT406661C0	Transistor 2SD666(C)
QK10	1	HT406661C0	Transistor 2SD666(C)
QK11	1	HT206461C0	Transistor 2SB646(C)
QK12	1	HT206461C0	Transistor 2SB646(C)
			PK00-MISCELLANEOUS
JK01	1	YP06901580	Plug, (12P)
JK02	1	YJ06901680	Jack, (12P)
SK01	1	SC00030010	Switch
SK02	1	SB11000010	Switch Band, Flx
SK03	1	SS10040010	Slide Switch

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
PL00	1	YH24621210	P.W. Board, Cartridge Load
			PL00-RESISTORS (All Resistors are ±5% and ¼W)
RL01	1	GD05181140	180Ω
RL02	1	GD05181140	180Ω
RL03	1	GD05560140	56Ω
RL04	1	GD05560140	56Ω
RL05	1	GD05100140	10Ω
RL06	1	GD05100140	10Ω
RL07	1	GD05104140	100KΩ
RL08	1	GD05104140	100KΩ
RL09	1	GD05393140	39KΩ
RL10	1	GD05393140	39KΩ
RL11	1	GD05123140	12KΩ
RL12	1	GD05123140	12KΩ
RL13	1	GD05102140	1KΩ
RL14	1	GD05102140	1KΩ
RL15	1	GD05104140	100KΩ
RL16	1	GD05104140	100KΩ
RL17	1	GD05393140	39KΩ
RL18	1	GD05393140	39KΩ
RL19	1	GD05123140	12KΩ
RL20	1	GD05123140	12KΩ
RL21	1	GD05102140	1KΩ
RL22	1	GD05102140	1KΩ
			PL00-SWITCH
SL01	1	SR04040140	Rotary Switch
SL02	1	SR04050190	Rotary Switch
PM01	1	YK29780210	P.W. Board, MC Amp.
			PM01-CAPACITORS
CM01	1	DD15101300	Ceramic 100pF ±5%
CM02	1	DD15101300	Ceramic 100pF ±5%
CM03	1	DF15152350	Film 0.0015μF ±5%
CM04	1	DF15152350	Film 0.0015μF ±5%
CM05	1	EA47700690	Elect 470μF 6V
CM06	1	EA47700690	Elect 470μF 6V
CM07	1	EA47503590	Elect 4.7μF 35V
CM08	1	EA47503590	Elect 4.7μF 35V
CM09	1	DD15560300	Ceramic 56pF ±5%
CM10	1	DD15560300	Ceramic 56pF ±5%

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
CM11	1	EA47700690	Elect 470μF 6.3V
CM12	1	EA47700690	Elect 470μF 6.3V
CM13	1	DF15102300	Film 0.001μF ±5%
CM14	1	DF15102300	Film 0.001μF ±5%
CM15	1	EQ10603510	Elect 10μF 35V
CM16	1	EQ10603510	Elect 10μF 35V
CM17	1	DF17474510	Film 0.47μF ±20%
CM18	1	DF17474510	Film 0.47μF ±20%
CM19	1	EA47601690	Elect 47μF 16V
CM20	1	EA47601690	Elect 47μF 16V
CM21	1	EA22701690	Elect 220μF 16V
CM22	1	EA22701690	Elect 220μF 16V
			PM01-RESISTORS
			(All Resistors are ±5% and ¼W)
RM01	1	GD05033140	3.3Ω
RM02	1	GD05033140	3.3Ω
RM03	1	GD05221140	220Ω
RM04	1	GD05221140	220Ω
RM05	1	GM21422110	2.21KΩ ±2%
RM06	1	GM21422110	2.21KΩ ±2%
RM07	1	GD05163140	16KΩ
RM08	1	GD05163140	16KΩ
RM09	1	GD05220140	22Ω
RM10	1	GD05220140	22Ω
RM11	1	GD05152140	1.5KΩ
RM12	1	GD05152140	1.5KΩ
RM13	1	GD05121140	120Ω
RM14	1	GD05121140	120Ω
RM15	1	GD05153140	15KΩ
RM16	1	GD05153140	15KΩ
RM17	1	GD05152140	1.5KΩ
RM18	1	GD05152140	1.5KΩ
RM19	1	GG05220140	22Ω
RM20	1	GG05220140	22Ω
RM21	1	GG05220140	22Ω
RM22	1	GG05220140	22Ω
RM23	1	GD05471140	470Ω
RM24	1	GD05471140	470Ω
RM25	1	GD05103140	10KΩ
RM26	1	GD05103140	10KΩ
RM27	1	GD05470140	47Ω
RM28	1	GD05470140	47Ω
RM29	1	GD05470140	47Ω
RM30	1	GD05470140	47Ω
RM31	1	GD05223140	22KΩ
RM32	1	GD05223140	22KΩ
RM33	1	GD05273140	27KΩ
RM34	1	GD05273140	27KΩ

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
			PM01-SEMICONDUCTORS
QM01	1	HF201472A0	F.E.T. 2SK147(GR, BL)
QM02	1	HF201472A0	F.E.T. 2SK147(GR, BL)
QM03	1	HT109701A0	Transistor 2SA970(GR)
QM04	1	HT109701A0	Transistor 2SA970(GR)
QM05	1	HT406661C0	Transistor 2SD666(C)
QM06	1	HT406661C0	Transistor 2SD666(C)
QM07	1	HT206461C0	Transistor 2SB646(C)
QM08	1	HT206461C0	Transistor 2SB646(C)
QM09	1	HV00006120	Varistor MV203(Y)
QM10	1	HV00006120	Varistor MV203(Y)
QM11	1	HT403132P0	Transistor 2SD313(D or E)
QM12	1	HT205072P0	Transistor 2SB507(D or E)
			PM01-SWITCH
SM01	1	SP04010300	Push Switch
PV00	1	YF29780020	P.W. Board, RCA Pin
			PV00-CAPACITOR
CV01	1	DK18473320	Ceramic 0.047μF +100%–0
			PV00-JACK
JV01	1	YT02040290	Terminal, Phono 1, 2
JV02	1	YT02040200	Terminal, Tuner/Aux
JV03	1	YT02040200	Terminal, Tape Monitor 1
JV04	1	YT02040200	Terminal, Tape Monitor 2
JV05	1	YT02020190	Terminal, Scope Out
JV06	1	YT02040200	Terminal, Pre Out
PW00	1	YH24621220	P.W. Board, Output Switch
			PW00-SWITCHES
SW01	1	SP02010380	Push Switch, Output 1
SW02	1	SP02010380	Push Switch, Output 2

(W01-99)	**Assembly and Wiring**
(T01-99)	**Adjustment**
(X01-00)	**Correction**

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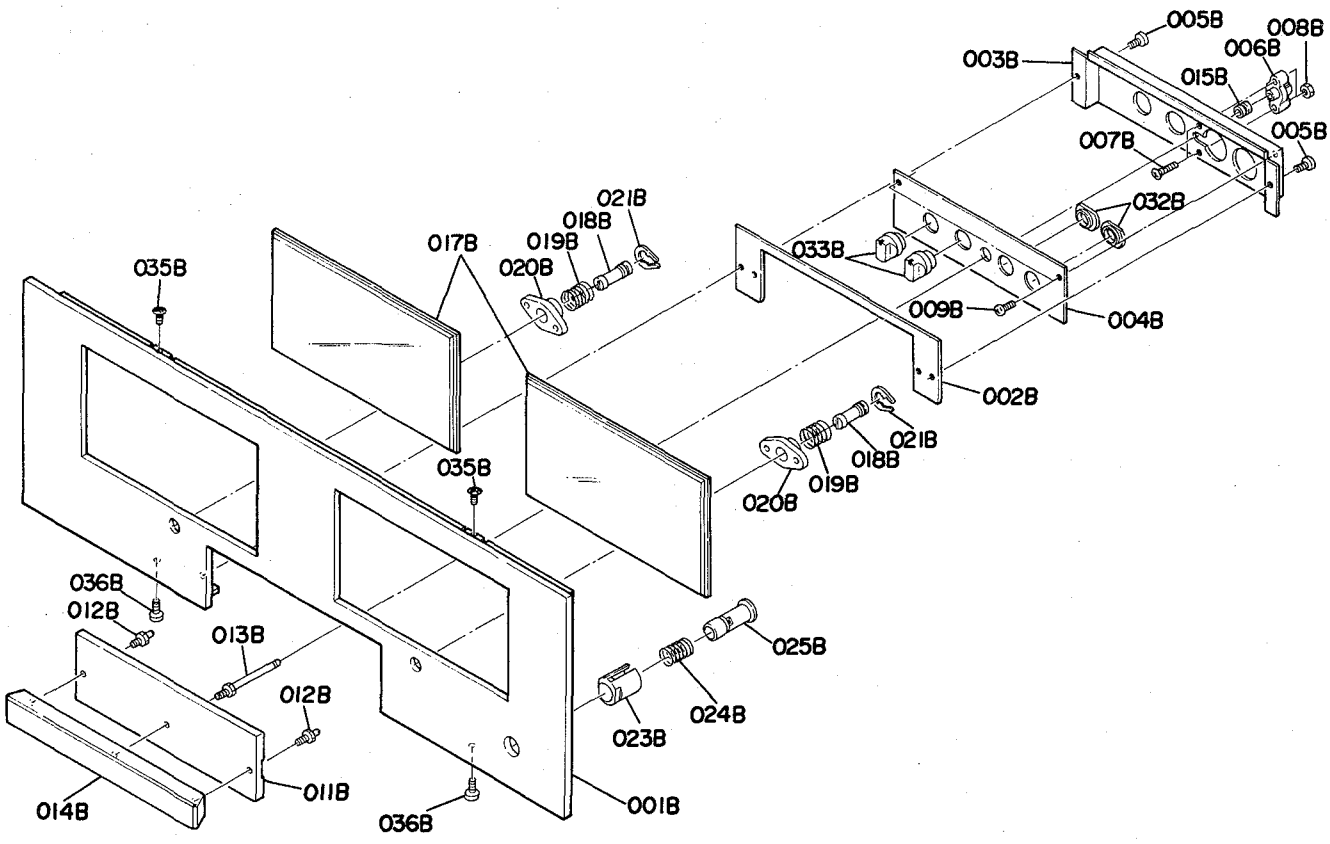
Sm-7規格

定格出力(20Hz～20kHz，両ch同時駆動)	150W×2(8Ω)
	190W×2(4Ω)
出力帯域幅(8Ω負荷，THD0.05%)	5Hz～100kHz
全高調波歪率(20Hz～20kHz，8Ω負荷)	0.01%以下
混変調歪率	0.01%以下
周波数特性(20Hz～20kHz)	+0，−0.2dB
(+0，−1dB)	DC～100kHz
入力感度及びインピーダンス	1.5V/30kΩ
ダンピングファクター(8Ω負荷)	100以上
残留雑音(IHF-Aカーブ)	0.034mV
その他	
電　源	100V 50/60Hz
消費電力(最大出力時)	850W
(電気用品取締法)	400W
外形寸法(W・H・D)	416×146×332mm
重　量(セット単体)	22kg

※本機の規格および外観は改良のため予告なく変更することがありますが、ご了承ください。

分解図およびパーツリスト

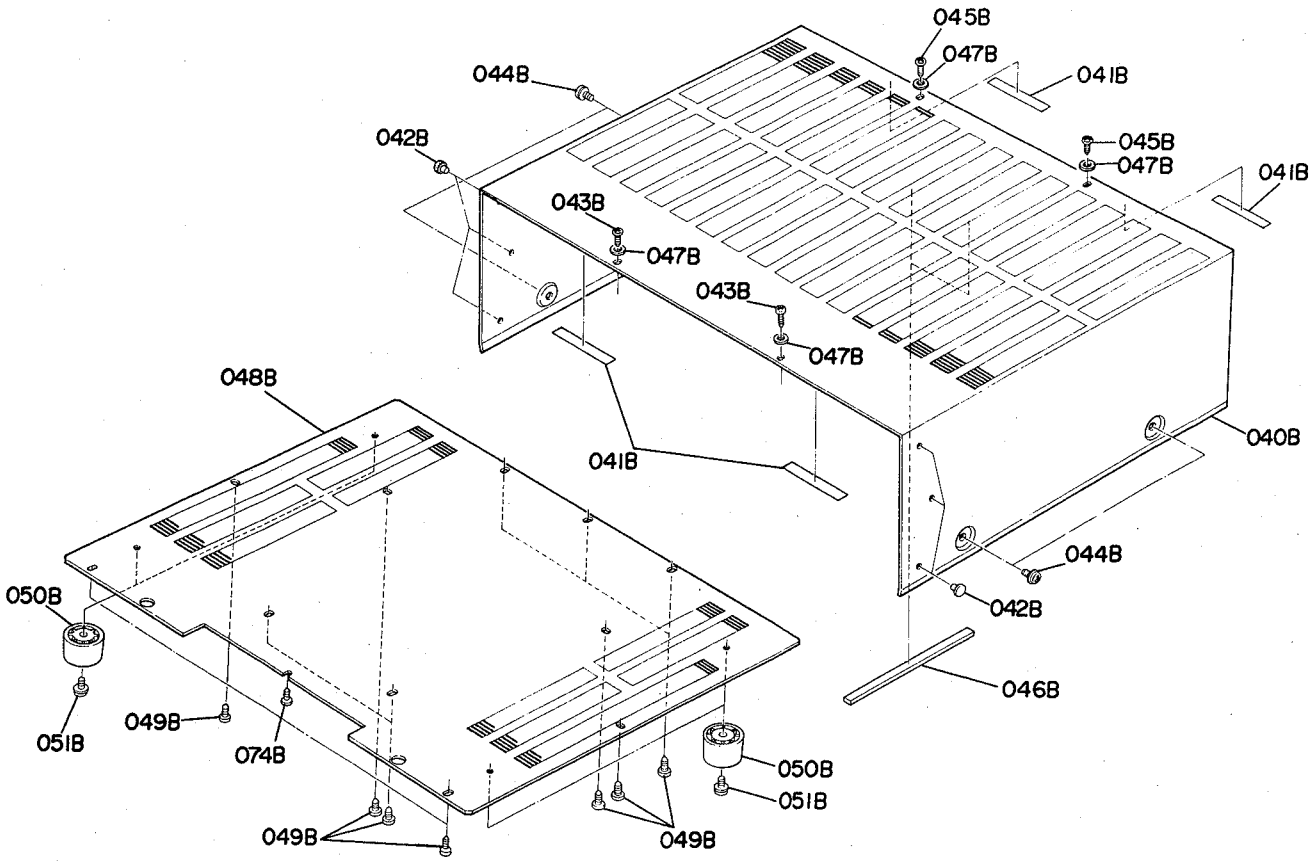
[C01-99] FRONT PANEL



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
A	1	2461063400	Front Panel Assembly
001B	1	2461063010	Escutcheon
002B	1	2461063030	Escutcheon
003B	1	2461160020	Bracket
004B	1	2461063020	Escutcheon
005B	2	51100306A9	B.H.M. Screw B3 x 6
006B	1	2461271010	Holder
007B	2	51042610A0	F.H.M. Screw F2.6 x 10
008B	2	53112603A0	Hexagon Nut
009B	2	51100203E0	B.H.M. Screw B2 x 3
015B	1	1143259010	Bushing
017B	2	2461158010	Window
018B	2	2461164010	Adjuster
019B	2	2979115010	Spring
020B	2	2204106010	Sustainer
021B	2	64040500R0	RG Ring, U Type
023B	1	2979259010	Bushing
024B	1	2979115010	Spring
025B	1	2462154030	Knob, Power Switch
032B	2	2978259012	Bushing

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
B	1	2461063410	Pocket Cover Assembly
011B	1	2461063050	Escutcheon
012B	2	2461254010	Pin
013B	1	2461254020	Pin
014B	1	2461253010	Handle
033B	2	2461154010	Knob, Gain VR
035B	2	51340305B0	F.H. Tapped Screw F3 x 5
036B	2	51280306U0	B.H. Tapped Screw B3 x 6

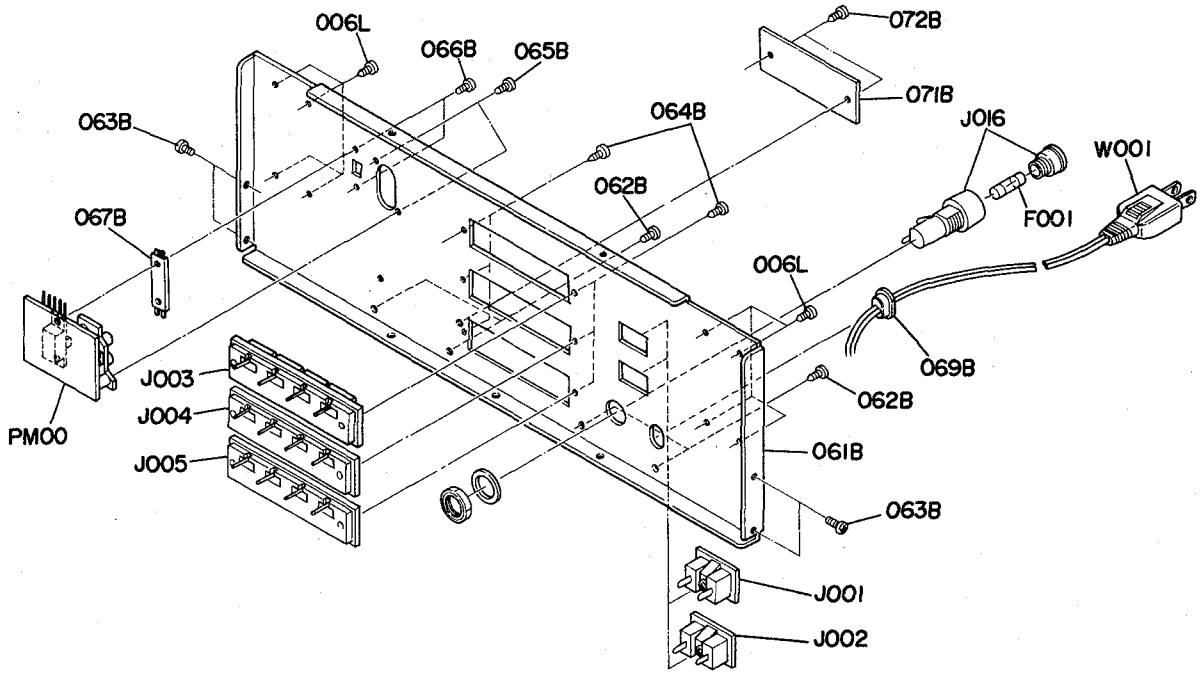
[C02-99] TOP COVER



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
040B	1	2461257010	Lid, Top Cover
041B	4	2965118010	Spacer
042B	6	2991259010	Bushing
043B	2	51280308U0	B.H. Tapped Screw B3 x 8
044B	4	51480406S9	F. Washer Screw F4 x 6
045B	2	51280308U0	B.H. Tapped Screw B3 x 8
046B	2	2979056010	Buffer
047B	4	59030805P1	Washer
048B	1	2461257020	Lid, Bottom Cover
049B	11	51280410U0	B.H. Tapped Screw B3 x 10

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
050B	4	2759057010	Leg
051B	4	5157041080	P. Tapped Screw P4 x 10
074B	1	51280406U0	B.H. Tapped Screw B4 x 6

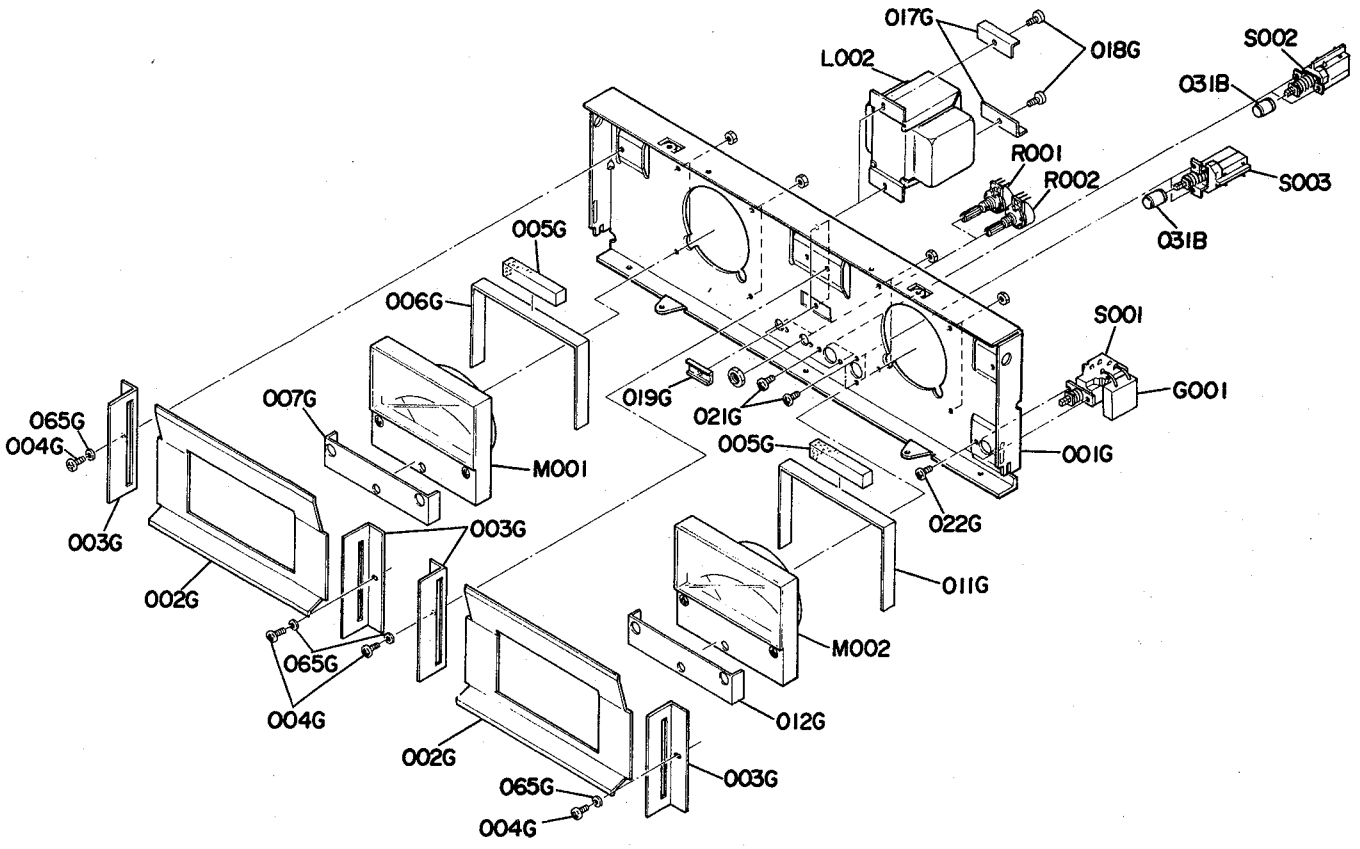
[C03-99] REAR PANEL



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
061B	1	2461160210	Bracket, Rear Panel
062B	4	51280408U0	B.H. Tapped Screw B4 x 8
063B	4	51100304S9	B.H.M. Screw B3 x 4
064B	6	51280308U0	B.H. Tapped Screw B3 x 8
065B	2	51280308U0	B.H. Tapped Screw B3 x 8
066B	2	51100308S9	B.H.M. Screw B3 x 8
067B	1	2979160100	Bracket
069B	1	1455259090	Bushing
071B	1	2461265010	Indicator
072B	2	51760306B0	OS Tapped Screw 3 x 6
006L	8	51280308U0	B.H. Tapped Screw B3 x 8

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
F001	1	FS11000030	Fuse 10A
J001	1	YJ04000560	Jack, AC Outlet
J002	1	YJ04000560	Jack, AC Outlet
J003	1	YT03040160	Terminal, Speaker
J004	1	YT03040160	Terminal, Speaker
J005	1	YT03040160	Terminal, Speaker
J016	1	YJ08000230	Jack, Fuse Holder
W001	1	YC02400180	A.C. Power Cord
PM00	1	YF29790010	P.W. Board, RCA Pin Terminal

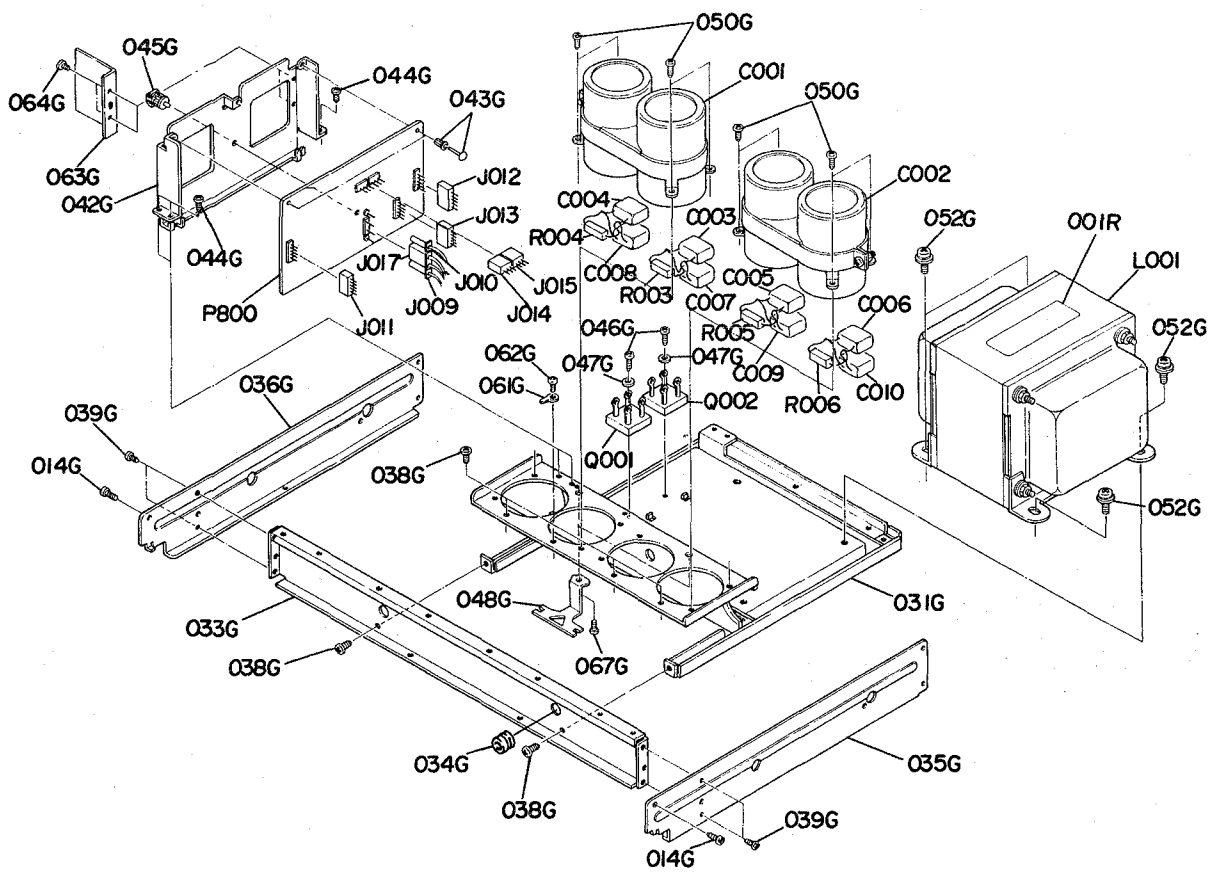
[P01-99] FRONT CHASSIS AND GENERAL PARTS



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
001G	1	2461160010	Bracket, Front Chassis
002G	2	2461063040	Escutcheon, Meter
003G	4	2461053010	Cover
004G	4	51280306B0	B.H. Tapped Screw B3 x 6
005G	2	2873118020	Spacer
006G	1	2461053020	Cover
007G	1	2461053030	Cover
011G	1	2461053020	Cover
012G	1	2461053030	Cover
017G	2	2979005010	Clamper
018G	2	51100408A9	B.H.M. Screw B4 x 8
019G	2	2922005010	Clamper
021G	4	51100306A9	B.H.M. Screw B3 x 6
022G	2	51100306A9	B.H.M. Screw B3 x 6
065G	4	59030805P0	Washer

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
031B	2	2462154020	Knob
G001	1	BF10400040	Spark Killer 0.1μF + 120Ω
L002	1	TS15708040	Power Transformer
M001	1	IM11100010	D.C. Meter
M002	1	IM11100010	D.C. Meter
R001	1	RK05030150	Variable Resistor 50KΩ(B)
R002	1	RK05030150	Variable Resistor 50KΩ(B)
S001	1	SP02010450	Push Switch, Power
S002	1	SP02010390	Push Switch, Speaker
S003	1	SP02010390	Push Switch, Speaker

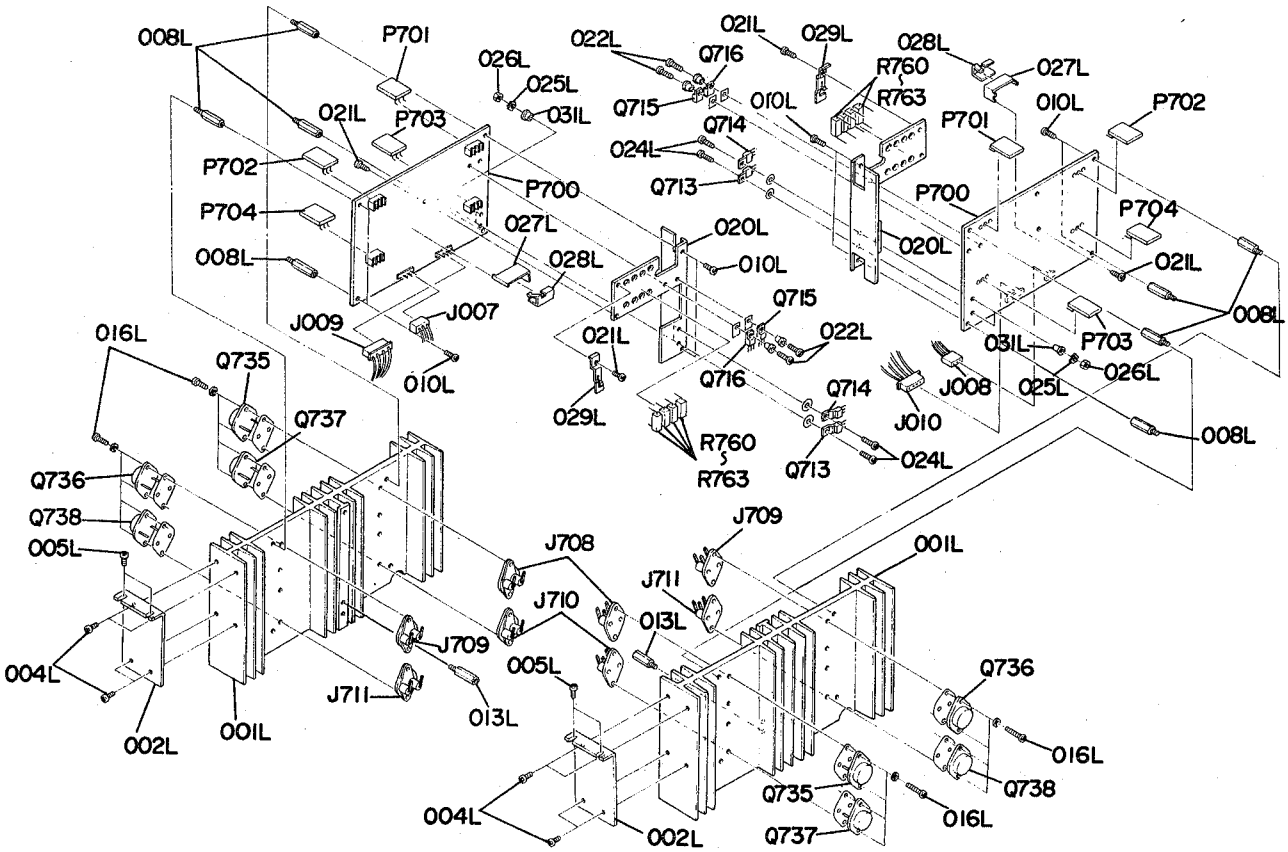
[P02-99] MAIN CHASSIS AND OTHER PARTS



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
014G	2	51280306B0	B.H. Tapped Screw B3 x 6
031G	1	2461105010	Chassis, Main
033G	1	2979126010	Stay
034G	1	2461259010	Bushing
035G	1	2979105020	Chassis, (R)
036G	1	2979105030	Chassis, (L)
038G	8	51280408B0	B.H. Tapped Screw B4 x 8
039G	4	51280306B0	B.H. Tapped Screw B3 x 6
042G	1	2461160020	Bracket
043G	2	2965005010	Clamper
044G	3	51280306B0	B.H. Tapped Screw B3 x 6
045G	1	3896101010	Support
046G	2	51280314B0	B.H. Tapped Screw B3 x 14
047G	2	54040302N0	Spring Washer
048G	2	2979160040	Bracket
050G	8	51280306B0	B.H. Tapped Screw B3 x 6
052G	4	51490612A9	L. Washer Screw L6 x 12
061G	1	62030049W0	Lug
062G	1	51280306B0	B.H. Tapped Screw B3 x 6
063G	1	2461109010	Shield
064G	2	51280306B0	B.H. Tapped Screw B3 x 6
067G	2	51280306B0	B.H. Tapped Screw B3 x 6
001R	1	2213861010	Label

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
C001	1	EI15908020	Elect Cap. 1500μF x 2
C002	1	EI15908020	Elect Cap. 1500μF x 2
C003	1	DF17105550	Film Cap. 1μF ±20%
C004	1	DF17105550	Film Cap. 1μF ±20%
C005	1	DF17105550	Film Cap. 1μF ±20%
C006	1	DF17105550	Film Cap. 1μF ±20%
C007	1	DF17105550	Film Cap. 1μF ±20%
C008	1	DF17105550	Film Cap. 1μF ±20%
C009	1	DF17105550	Film Cap. 1μF ±20%
C010	1	DF17105550	Film Cap. 1μF ±20%
J009	1	YJ06002000	Jack, Wiring Connector
J010	1	YJ06002000	Jack, Wiring Connector
J011	1	YJ06001050	Jack, (5P)
J012	1	YJ06001050	Jack, (5P)
J013	1	YJ06001050	Jack, (5P)
J014	1	YJ06001050	Jack, (5P)
J015	1	YJ06001050	Jack, (5P)
J017	1	YJ06002010	Jack, (2P)
L001	1	TS63303060	Power Transformer
Q001	1	HD20004290	Diode S5VB-20
Q002	1	HD20004290	Diode S5VB-20
R003	1	GS10222030	Resistor 2.2KΩ ±10% 2.5W
R004	1	GS10222030	Resistor 2.2KΩ ±10% 2.5W
R005	1	GS10222030	Resistor 2.2KΩ ±10% 2.5W
R006	1	GS10222030	Resistor 2.2KΩ ±10% 2.5W
P800	1	YG24610010	P.W. Board, Power Supply

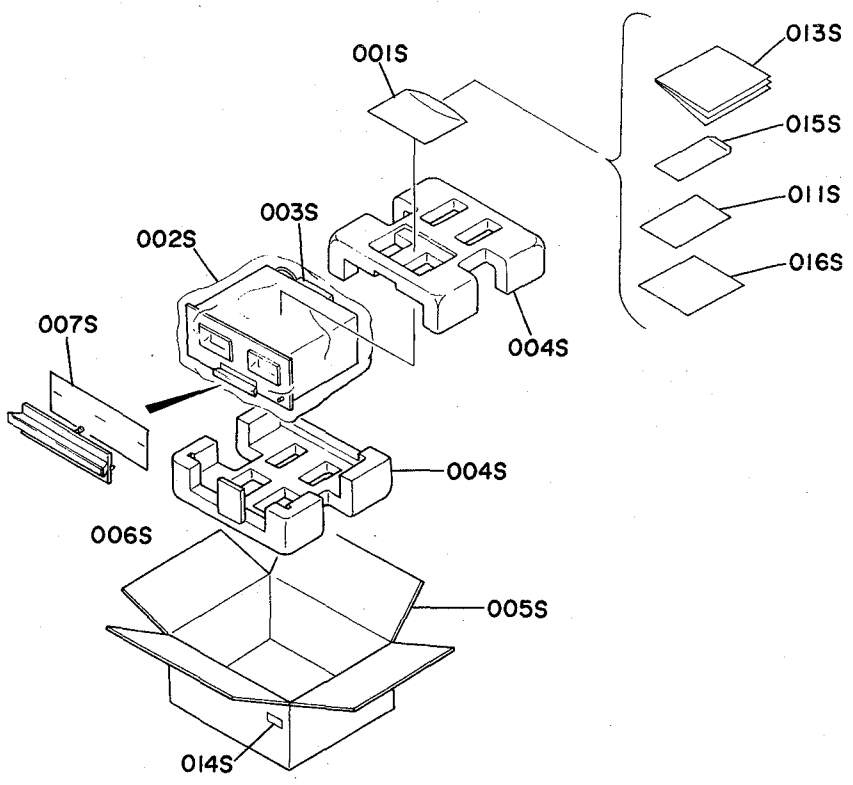
[P03-99] MAIN AMP. P.W. BOARD AND HEATSINK



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
001L	2	2461267010	Heatsink
002L	2	2979160020	Bracket
004L	8	51280308B0	B.H. Tapped Screw B3 x 8
005L	4	51280306B0	B.H. Tapped Screw B3 x 6
008L	8	2463101010	Support
010L	10	51100308A9	B.H.M. Screw B3 x 8
013L	2	2891101030	Support
016L	16	51100318E9	B.H.M. Screw B3 x 18
020L	2	2990267030	Heatsink
021L	4	51280306B0	B.H. Tapped Screw B3 x 6
022L	4	51100308E9	B.H.M. Screw B3 x 8
024L	4	51100312E9	B.H.M. Screw B3 x 12
025L	4	54050300R0	T.L. Washer OR
026L	4	53110303E9	Hexagon Nut
027L	2	2990267080	Heatsink
028L	2	2990115020	Spring
029L	2	2990115010	Spring
031L	4	2219259030	Bushing
J007	1	YJ06001040	Jack (3P)
J008	1	YJ06001040	Jack (3P)

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
P700	2	YK29901610	P.W. Board, Main Amp.
R760	2	GW10272050	Resistor 0.27Ω ±10% 5W
R761	2	GW10272050	Resistor 0.27Ω ±10% 5W
R762	2	GW10272050	Resistor 0.27Ω ±10% 5W
R763	2	GW10272050	Resistor 0.27Ω ±10% 5W
Q713	2	HT407571C0	Transistor 2SD757(C)
Q714	2	HT207171C0	Transistor 2SB717(C)
Q715	2	HT322381C0	Transistor 2SC2238B(O or Y)
Q716	2	HT109681C0	Transistor 2SA968B(O or Y)
Q735	2	HT325893A0	Transistor 2SC2589(Q,R or S)
Q736	2	HT111093A0	Transistor 2SA1109(Q,R or S)
Q737	2	HT325893A0	Transistor 2SC2589(Q,R or S)
Q738	2	HT111093A0	Transistor 2SA1109(Q,R or S)
J708	2	YJ05000260	Jack, Transistor Socket
J709	2	YJ05000260	Jack, Transistor Socket
J710	2	YJ05000260	Jack, Transistor Socket
J711	2	YJ05000260	Jack, Transistor Socket

[H01-99] PACKING MATERIALS



REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
001S	1	9013025010	Polyethy Bag
002S	1	9014538350	Polyethy Bag
003S	1	2864804010	Sleeve
004S	2	2461809010	Cushion
005S	1	2461801010	Packing Case
006S	1	2461809020	Cushion

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
007S	1	2461107010	Sheet
011S	1	9641000020	Register Card
013S	1	2461851110	Instructions
014S	2	9526019040	Serial NO Card
015S	1	2976813010	Envelope
016S	1	2976851040	Instructions

電気部品リスト

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
P700	2	YK29901610	P.W. Board, Main Amp
			P700-CAPACITORS
C702	2	EA10602590	Elect 10μF 25V
C703	2	EA10602590	Elect 10μF 25V
C704	2	DK16101500	Ceramic 100pF ±10%
C705	2	DK16101500	Ceramic 100pF ±10%
C708	2	DD15100500	Ceramic 10pF ±5%
C709	2	EA10605090	Elect 10μF 50V
C710	2	DF17104540	Film 0.1μF ±20%
C711	2	DF17104540	Film 0.1μF ±20%
C712	2	DF17104540	Film 0.1μF ±20%
C713	2	DF17104540	Film 0.1μF ±20%
C714	2	DF16472350	Film 0.0047μF ±10%
C715	2	DF16472350	Film 0.0047μF ±10%
C716	2	EA33502590	Elect 3.3μF 25V
C717	2	EA33502590	Elect 3.3μF 25V
C718	2	DF17103510	Film 0.01μF ±20%
C719	2	DF17104520	Film 0.1μF ±20%
C720	2	DF17474510	Film 0.47μF ±20%
C721	2	DF17474510	Film 0.47μF ±20%
C722	2	EA10710010	Elect 100μF 100V
C723	2	EA10710010	Elect 100μF 100V
C725	2	DF16104300	Film 0.1μF ±10%
			P700-RESISTORS
			(All Resistors are ±5% and ¼W)
R702	2	GD05471140	470Ω
R703	2	GD05104140	100KΩ
R704	2	GD05561140	560Ω
R705	2	GD05561140	560Ω
R708	2	GD05203140	20KΩ
R709	2	GD05102140	1KΩ
R710	2	GD05181140	180Ω
R711	2	GD05102140	1KΩ
R712	2	GD05222140	2.2KΩ
R713	2	GD05222140	2.2KΩ
R714	2	GD05391140	390Ω
R715	2	GD05104140	100KΩ
R716	2	GD05822140	8.2KΩ
R717	2	GD05822140	8.2KΩ
R718	2	GD05272140	2.7KΩ
R719	2	GD05272140	2.7KΩ
R720	2	RA02230050	22KΩ(B) Trimming
R721	2	GA05562010	5.6KΩ 1W
R722	2	GA05472010	4.7KΩ 1W
R723	2	GD05222140	2.2KΩ
R724	2	GD05222140	2.2KΩ
R725	2	GD05222140	2.2KΩ
R726	2	GD05222140	2.2KΩ
R727	2	GD05563140	56KΩ
R728	2	GD05563140	56KΩ
R729	2	GD05331140	330Ω
R730	2	GD05331140	330Ω
R731	2	GD05332140	3.3KΩ
R732	2	GD05681140	680Ω
R733	2	RA01020270	1KΩ(B) Trimming

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION
R734	2	GD05821140	820Ω
R735	2	GG05330140	33Ω
R736	2	GG05330140	33Ω
R739	2	GD05122140	1.2KΩ
R740	2	GD05273140	27KΩ
R741	2	GD05331140	330Ω
R742	2	GD05331140	330Ω
R743	2	GD05682140	6.8KΩ
R744	2	GD05682140	6.8KΩ
R745	2	GD05911140	910Ω
R746	2	GD05911140	910Ω
R747	2	GD05911140	910Ω
R748	2	GD05911140	910Ω
R749	2	GD05203140	20KΩ
R750	2	GG05331120	330Ω ½W
R751	2	GA05560010	56Ω 1W
R752	2	GG05100120	10Ω ½W
R753	2	GG05100120	10Ω ½W
R754	2	GG05100120	10Ω ½W
R755	2	GG05100120	10Ω ½W
R756	2	GG05047140	4.7Ω
R757	2	GG05047140	4.7Ω
R758	2	GG05047140	4.7Ω
R759	2	GG05047140	4.7Ω
R760	2	GW10272050	0.27Ω ±10% 5W
R761	2	GW10272050	0.27Ω ±10% 5W
R762	2	GW10272050	0.27Ω ±10% 5W
R763	2	GW10272050	0.27Ω ±10% 5W
R764	2	GA05100030	10Ω 3W
R765	2	GA05022020	2.2Ω 2W
R766	2	GA05100010	10Ω 1W
			P700-SEMICONDUCTORS
Q701	2	HC10043050	IC Dual FET
Q702	2	HT322592F0	Transistor 2SC2259(F or G)
Q703	2	HT109701J0	Transistor 2SA970(GR)
Q704	2	HT322401J0	Transistor 2SC2240(GR)
Q705	2	HT109701J0	Transistor 2SA970(GR)
Q706	2	HT109701J0	Transistor 2SA970(GR)
Q707	2	HT322401J0	Transistor 2SC2240(RG)
Q708	2	HT109491B0	Transistor 2SA949(Y)
Q709	2	HT322291B0	Transistor 2SC2229(Y)
Q710	2	HT109701B0	Transistor 2SA970(BL)
Q711	2	HT318152A0	Transistor 2SC1815(O or Y)
Q712	2	HT110152A0	Transistor 2SA1015(O or Y)
Q713	2	HT407571C0	Transistor 2SD757(C)
Q714	2	HT207171C0	Transistor 2SB717(C)
Q715	2	HT322381C0	Transistor 2SC2238B(O or Y)
Q716	2	HT109681C0	Transistor 2SA968B(O or Y)
Q717	2	HD30025090	Zener WZ150
Q718	2	HD30025090	Zener WZ150
Q719	2	HD20003210	Diode 1S2471
Q720	2	HD20003210	Diode 1S2471

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION	
Q721	2	HD20003210	Diode	1S2471
Q722	2	HD20003210	Diode	1S2471
Q723	2	HD20010210	Diode	1S2471G
Q724	2	HD20010210	Diode	1S2471G
Q725	2	HV00002120	Varistor	SV-3A
Q726	2	HD20001210	Diode	1S2473
Q727	2	HD20001210	Diode	1S2473
Q728	2	HD20003210	Diode	1S2471
Q729	2	HD20003210	Diode	1S2471
Q730	2	HD20003210	Diode	1S2471
Q731	2	HD20003210	Diode	1S2471
Q732	2	HD20011010	Diode	W06C
Q733	2	HD20011010	Diode	W06C
Q734	2	HT315681S0	Transistor	2SC1568(S)
Q735	2	HT325893A0	Transistor	2SC2589(Q, R or S)
Q736	2	HT111093A0	Transistor	2SA1109(Q, R or S)
Q737	2	HT325893A0	Transistor	2SC2589(Q, R or S)
Q738	2	HT111039A0	Transistor	2SA1109(Q, R or S)
Q739	2	HD20001210	Diode	1S2473
Q740	2	HD20001210	Diode	1S2473
			P700-MISCELLANEOUS	
J701	2	YP06001040	Plug,	(3P)
J702	2	YP06000540	Plug,	
J704	2	YJ06001960	Jack,	(3P)
J705	2	YJ06001960	Jack,	(3P)
J706	2	YJ06001960	Jack,	(3P)
J707	2	YJ06001960	Jack,	(3P)
J708	2	YJ05000260	Jack,	Transistor Socket
J709	2	YJ05000260	Jack,	Transistor Socket
J710	2	YJ05000260	Jack,	Transistor Socket
J711	2	YJ05000260	Jack,	Transistor Socket
L701	2	LJ28007090	Choke Coil	
P701	2	YK29901620	P.W. Board,	Power TR. Socket
J712	2	YP06001640	Plug,	(3P)
P702	2	YK29901630	P.W. Board,	Power TR. Socket
J713	2	YP06001640	Plug,	(3P)
P703	2	YK29901640	P.W. Board,	Power TR. Socket
J714	2	YP06001640	Plug,	(3P)
P704	2	YK29901650	P.W. Board,	Power TR. Socket
J715	2	YP06001640	Plug,	(3P)

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION			
P800	1	YG24610010	P.W. Board, Power Supply/Protector			
			P800-CAPACITORS			
C801	1	EA22710090	Elect	220μF		100V
C802	1	EA22710090	Elect	220μF		100V
C803	1	EA22710090	Elect	220μF		100V
C804	1	EA22710090	Elect	220μF		100V
C805	1	EA22610090	Elect	22μF		100V
C806	1	EA22610090	Elect	22μF		100V
C807	1	EA22610090	Elect	22μF		100V
C808	1	EA22610090	Elect	22μF		100V
C809	1	EA10702590	Elect	100μF		25V
C810	1	EA10702590	Elect	100μF		25V
C811	1	EA10702590	Elect	100μF		25V
C812	1	EA10702590	Elect	100μF		25V
C813	1	EA47603590	Elect	47μF		35V
C814	1	EA47603590	Elect	47μF		35V
C815	1	EE10505040	Elect	1μF		50V
C816	1	EE10505040	Elect	1μF		50V
C817	1	EA10510090	Elect	1μF		100V
C818	1	EA10510090	Elect	1μF		100V
C819	1	DK18103510	Ceramic	0.01μF		
C820	1	DK18103510	Ceramic	0.01μF		
C821	1	DK18103510	Ceramic	0.01μF		
C822	1	DK18103510	Ceramic	0.01μF		
C823	1	DF17474510	Film	0.47μF	±20%	
C824	1	DF17474510	Film	0.47μF	±20%	
C825	1	DF17474510	Film	0.47μF	±20%	
C826	1	DF17474510	Film	0.47μF	±20%	
C831	1	DF17105550	Film	1μF	±20%	
C832	1	DF17105550	Film	1μF	±20%	
C833	1	DF17105550	Film	1μF	±20%	
C834	1	DF17105550	Film	1μF	±20%	
CN01	1	EA47601690	Elect	47μF		16V
CN02	1	EA47601690	Elect	47μF		16V
CN03	1	EA10505090	Elect	1μF		50V
CN04	1	EA10701090	Elect	100μF		10V
CN05	1	EE22601640	Elect	22μF		16V
CN07	1	DF15103010	Film	0.01μF	±5%	
CN08	1	DF15103010	Film	0.01μF	±5%	
			P800-RESISTORS (All Resistors are ±5% and ¼W)			
R801	1	GG05100140	10Ω			
R802	1	GG05100140	10Ω			
R803	1	GG05100140	10Ω			
R804	1	GG05100140	10Ω			
R805	1	GD05562140	5.6KΩ			
R806	1	GD05562140	5.6KΩ			
R807	1	GD05562140	5.6KΩ			
R808	1	GD05562140	5.6KΩ			
R809	1	GD05562140	5.6KΩ			
R810	1	GD05562140	5.6KΩ			

SCHEMATIC DIAGRAM FOR MODEL Sm7

Q701
HC10043050
DUAL FET

Q702, Q707
HT322592F0
2SC2239 (F or G)

Q703, Q705, Q706
HT10970J0
2SA970 (GR)

Q704
HT32240J0
2SC2240 (GR)

Q708
HT10949B0
2SA949 (Y)

Q709
HT32229B0
2SC2229 (Y)

Q710
HT10970B0
2SA970 (BL)

Q711
HT318152A0
2SC1815 (O or Y)

Q712
HT11052A0
2SA1015 (O or Y)

Q713
HT40757C0
2SD757 (C)

Q714
HT20717C0
2SB717 (C)

Q715
HT32238C0
2SC2238 (O or Y)

Q716
HT10968C0
2SA968 (O or Y)

Q717, Q718
HD30025090
WZ150

Q719~Q722, Q728~Q731
HD20003210
IS2471

Q723, Q724
HD20010210
IS2471G

Q725
HV00002120
SV-3A (BLACK)

Q726, Q727, Q739, Q740
HD20001210
IS2473

Q732, Q733
HD22001010
W06C

Q734
HT35681S0
2SC1568S

Q735, Q737
HT32589A0
2SC2589 (Q,R or S)

Q736, Q738
HTII1093A0
2SA1109 (Q,R or S)

Q801~Q804
HD20003030
DS133B

Q805, Q806
HT40762A0
2SD716 (R or R)

Q807, Q808
HT20686 2A0
2SB686 (R or R)

Q809, Q810
HT31752D0
2SC1775A (D or E)

Q811, Q812
HTI08722D0
2SA872A (D or E)

Q813~Q816
HD20011050
IS1555

Q817, Q818
HD30039090
WZ24V

QN01
HC10041050
TA7318P-2

QN02
HC10042050
TA7317P

QN03, QN04
HD20005010
W06B

QN05, QN06
HD30054090
BZ-250

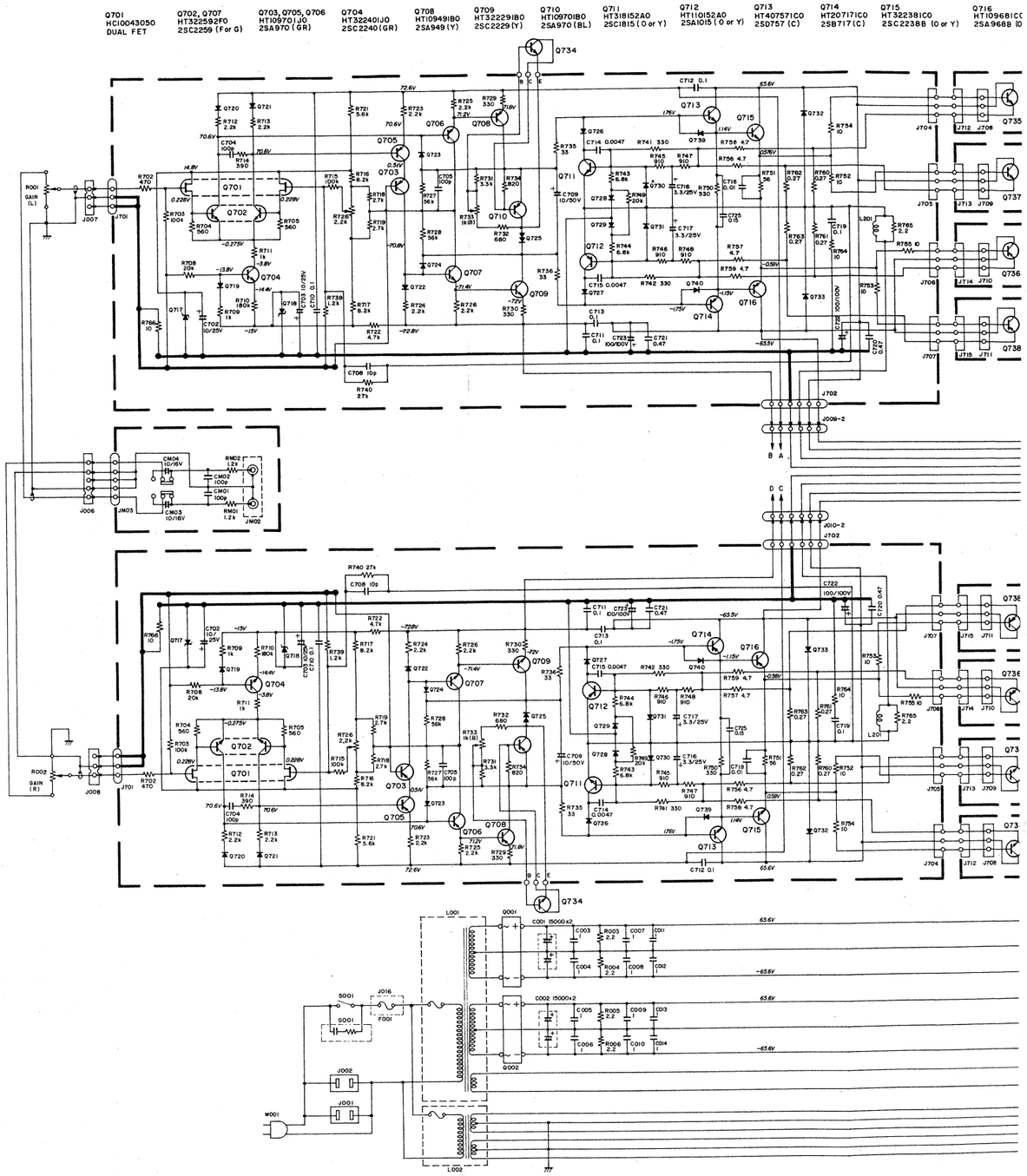
Note on safety: The parts marked with ⚠ are important parts on the safety. Please use the parts having the designated parts number without fail.

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION	
R811	1	GD05562140	5.6KΩ	
R812	1	GD05562140	5.6KΩ	
R813	1	GG05682120	6.8KΩ	½W
R814	1	GG05682120	6.8KΩ	½W
R815	1	GD05433140	43KΩ	
R816	1	GD05433140	43KΩ	
R817	1	GD05272140	2.7KΩ	
R818	1	GD05272140	2.7KΩ	
R819	1	GD05243140	24KΩ	
R820	1	GD05243140	24KΩ	
R821	1	GD05683140	68KΩ	
R822	1	GD05683140	68KΩ	
R823	1	GD05623140	62KΩ	
R824	1	GD05623140	62KΩ	
R825	1	GD05562140	5.6KΩ	
R826	1	GD05562140	5.6KΩ	
RN01	1	GA05432020	4.3KΩ	2W
RN02	1	GA05432020	4.3KΩ	2W
RN03	1	GD05333140	33KΩ	
RN04	1	GD05333140	33KΩ	
RN05	1	GD05101140	100Ω	
RN06	1	GD05101140	100Ω	
RN07	1	RA03310010	330Ω(B)	Trimming
RN08	1	RA03310010	330Ω(B)	Trimming
RN09	1	GA05102010	1KΩ	1W
RN10	1	GG05183120	18KΩ	½W
RN11	1	GG05163120	16KΩ	½W
RN12	1	GD05473140	47KΩ	
RN14	1	GD05564140	560KΩ	
RN16	1	GD05393140	39KΩ	
RN17	1	GD05104140	100KΩ	
RN18	1	GD05562140	5.6KΩ	
RN19	1	GD05823140	82KΩ	
RN20	1	GD05823140	82KΩ	
			P800-SEMICONDUCTORS	
Q801	1	HD20013030	Diode	DS133B
Q802	1	HD20013030	Diode	DS133B
Q803	1	HD20013030	Diode	DS133B
Q804	1	HD20013030	Diode	DS133B
Q805	1	HT407162A0	Transistor	2SD716(R or O)
Q806	1	HT407162A0	Transistor	2SD716(R or O)
Q807	1	HT206862A0	Transistor	2SB686(R or O)
Q808	1	HT206862A0	Transistor	2SB686(R or O)
Q809	1	HT317752D0	Transistor	2SC1775A(D or E)
Q810	1	HT317752D0	Transistor	2SC1775A(D or E)

REF. DESIG.	Q'TY F	PART NO.	DESCRIPTION	
Q811	1	HT108722D0	Transistor	2SA872A(D or E)
Q812	1	HT108722D0	Transistor	2SA872A(D or E)
Q813	1	HD20011050	Diode	1S1555
Q814	1	HD20011050	Diode	1S1555
Q815	1	HD20011050	Diode	1S1555
Q816	1	HD20011050	Diode	1S1555
Q817	1	HD30039090	Zener	WZ24V
Q818	1	HD30039090	Zener	WZ24V
QN01	1	HC10041050	IC	TA7318P-2
QN02	1	HC10042050	IC	TA7317P
QN03	1	HD20005010	Diode	W06B
QN04	1	HD20005010	Diode	W06B
QN05	1	HD30054090	Zener	BZ-250
QN06	1	HD30054090	Zener	BZ-250
			P800-MISCELLANEOUS	
JN01	1	YP06001040	Plug,	(3P)
JN02	1	YP06001040	Plug,	(3P)
JN03	1	YP06001050	Plug,	(5P)
JN04	1	YP06001710	Plug,	(2P)
JN05	1	YP06001720	Plug,	(1P)
JN06	1	YP06001720	Plug,	(1P)
LN01	1	LY20480020	Relay	MSJ2 48V
PM00	1	YF29790010	P.W. Board,	RCA Pin Terminal
			PM00-CAPACITORS	
CM01	1	DF65101010	Film	100pF ±5%
CM02	1	DF65101010	Film	100pF ±5%
CM03	1	EQ10601610	Elect	10μF 16V
CM04	1	EQ10601610	Elect	10μF 16V
			PM00-RESISTORS	
RM01	1	GD05122140	1.2KΩ	±5% ¼W
RM02	1	GD05122140	1.2KΩ	±5% ¼W
			PM00-MISCELLANEOUS	
JM02	1	YT02020190	Terminal,	(2P)
JM03	1	YP06000580	Plug	
SM01	1	SS02020380	Slide Switch	

(W01-99)	Assembly and Wiring
(T01-99)	Adjustment
(X01-00)	Correction

回路図



回路図

DESCRIPTION

Transistor	2SA872A(D or E)	
Transistor	2SA872A(D or E)	
Diode	1S1555	
Diode	1S1555	
Diode	1S1555	
Diode	1S1555	
Zener	WZ24V	
Zener	WZ24V	
IC	TA7318P-2	
IC	TA7317P	
Diode	W06B	
Diode	W06B	
Zener	BZ-250	
Zener	BZ-250	

P800-MISCELLANEOUS

Plug,	(3P)	
Plug,	(3P)	
Plug,	(5P)	
Plug,	(2P)	
Plug,	(1P)	
Plug,	(1P)	
Relay	MSJ2	48V
P.W. Board,	RCA Pin Terminal	

PM00-CAPACITORS

Film	100pF ±5%	
Film	100pF ±5%	
Elect	10μF	16V
Elect	10μF	16V

PM00-RESISTORS

1.2KΩ	±5%	¼W
1.2KΩ	±5%	¼W

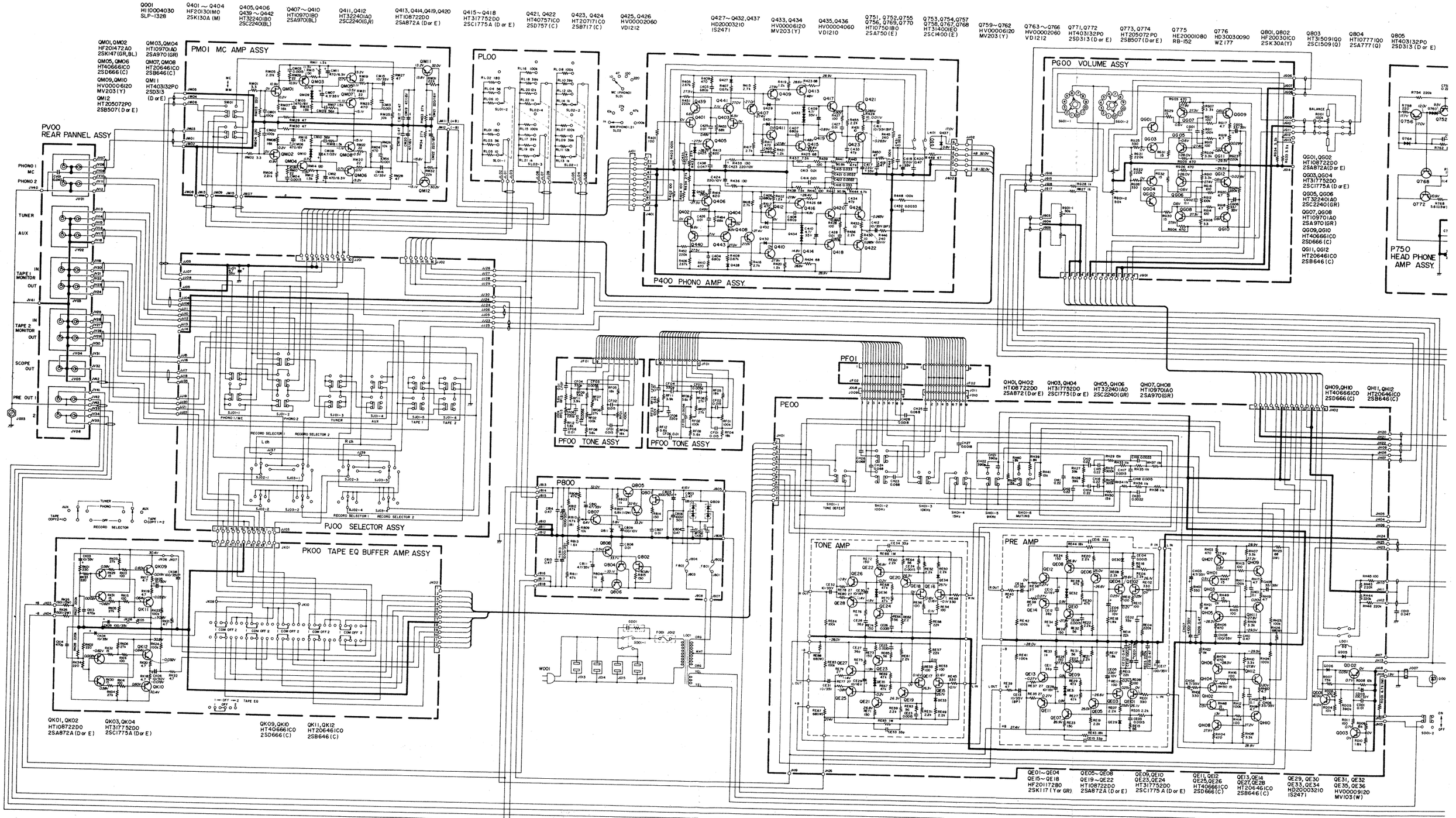
PM00-MISCELLANEOUS

Terminal,	(2P)
Plug	
Slide Switch	

Wiring

Q701 HC10043050 DUAL FET
Q702, Q707 HT322592F0 2SC2259 (For G)
Q703, Q705, Q706 HT109701J0 2SA970 (GR)
Q704 HT32240IJ0 2SC2240 (GR)
Q708 HT10949IB0 2SA949 (Y)
Q709 HT32229IB0 2SC2229 (Y)
Q710 HT10970IB0 2SA970 (BL)
Q711 HT318152A0 2SC1815 (O or Y)
Q712 HT1101S2A0 2SA1015 (O or Y)
Q713 HT407571C0 2SD757 (C)
Q714 HT207171C0 2SB717 (C)
Q715 HT322381C0 2SC2238B (O or Y)
Q716 HT10968IC0 2SA968 (O or Y)
Q717, Q718 HD30025090 WZ150
Q719~Q722, Q728~Q731 HD20003210 IS2471
Q723, Q724 HD20010210 IS2471G
Q725 HV00002120 SV-3A (BLACK)
Q726, Q727, Q739, Q740 HD20001210 IS2473
Q732, Q733 HD20011010 W06C
Q734 HT3156BIS0 2SC1568S
Q735, Q737 HT325893A0 2SC2589 (Q:R or S)
Q736, Q738 HT1101933A0 2SA1109 (Q:R or S)
Q801~Q804 HD20013030 DS133B
Q805, Q806 HT407162A0 2SD716 (R or R)
Q807, Q808 HT206862A0 2SB686 (R or R)
Q809, Q810 HT317752D0 2SC1775A (D or E)
Q811, Q812 HT108722D0 2SA872A (D or E)
Q813~Q816 HD20011050 IS1555
Q817, Q818 HD30039090 WZ24V
QN01 HC10041050 TA7318P-2
QN02 HC10042050 TA7317P
QN03, QN04 HD20005010 W06B
QN05, QN06 HD30054090 BZ-250

回路図


Q001 HI10004030 SLP-1328
Q401 ~ Q404 HF201301M0 2SK130A (M)
Q405,Q406 Q439 ~ Q442 HT322401B0 2SC2240(BL)
Q407 ~ Q410 HT109701B0 2SA970(BL)
Q411,Q412 HT322401A0 2SC2240(G,R)
Q413,Q414,Q419,Q420 HT108722D0 2SA872A (D or E)
Q415 ~ Q418 HT317752D0 2SC1775A (D or E)
Q421,Q422 HT407571C0 2SD757 (C)
Q423,Q424 HT207171C0 2SB717 (C)
Q425,Q426 HV000020600 VD1212
Q427 ~ Q432,Q437 HD20003210 IS2471
Q433,Q434 HV000061200 MV203 (Y)
Q435,Q436 HV000040600 VD1210
Q751,Q752,Q755 Q756,Q768,Q770 HT107501B0 2SA750 (E)
Q753,Q754,Q757 Q758,Q767,Q768 HT314000E0 2SC1400 (E)
Q759 ~ Q762 HV000061200 MV203 (Y)
Q763 ~ Q766 HV000020600 VD1212
Q771,Q772 HT403132P0 2SD313 (D or E)
Q773,Q774 HT205072P0 2SB507 (D or E)
Q775 HE200001080 RB-152
Q776 HD30030090 WZ177
Q801,Q802 HF200301C0 2SK30A(Y)
Q803 HT315091Q0 2SC1509 (Q)
Q804 HT107771Q0 2SA777 (Q)
Q805 HT403132P0 2SD313 (D or E)
QM01,QM02 HF201472A0 2SK1417(GR,BL)
QM03,QM04 HT109701A0 2SA970 (GR)
QM05,QM06 HT406661C0 2SD666 (C)
QM07,QM08 HT206461C0 2SB646(C)
QM09,QM10 HV000061200 MV203 (Y)
QM11 HT403132P0 2SD313 (D or E)
QM12 HT205072P0 2SB507 (D or E)
PM01 MC AMP ASSY
PV00 REAR PANNEL ASSY
PL00
P400 PHONO AMP ASSY
PG00 VOLUME ASSY
QG01,QG02 HT108722D0 2SA872A(D or E)
QG03,QG04 HT317752D0 2SC1775A (D or E)
QG05,QG06 HT322401A0 2SC2240(GR)
QG07,QG08 HT109701A0 2SA970 (GR)
QG09,QG10 HT406661C0 2SD666 (C)
QG11,QG12 HT206461C0 2SB646(C)
P750 HEAD PHONE AMP ASSY
PHONO 1 MC
PHONO 2
TUNER
AUX
TAPE 1 IN
TAPE 1 MONITOR OUT
TAPE 2 IN
TAPE 2 MONITOR OUT
SCOPE OUT
PRE OUT 1
PF00 TONE ASSY
PF01
PE00
QH01,QH02 HT108722D0 2SA872 (D or E)
QH03,QH04 HT317752D0 2SC1775 (D or E)
QH05,QH06 HT322401A0 2SC2240(GR)
QH07,QH08 HT109701A0 2SA970(GR)
QH09,QH10 HT406661C0 2SD666(C)
QH11,QH12 HT206461C0 2SB646(C)
P800
PJ00 SELECTOR ASSY
RECORD SELECTOR 1
RECORD SELECTOR 2
TUNER
PHONO
AUX
TAPE COPY 2 ← 0
TAPE COPY 1 → 2
RECORD SELECTOR
PK00 TAPE EQ BUFFER AMP ASSY
TAPE EQ
TONE AMP
PRE AMP
QK01,QK02 HT108722D0 2SA872A (D or E)
QK03,QK04 HT317752D0 2SC1775A (D or E)
QK09,QK10 HT406661C0 2SD666(C)
QK11,QK12 HT206461C0 2SB646(C)
QE01 ~ QE04 QE15 ~ QE18 HF201172B0 2SK117 (Y or GR)
QE05 ~ QE08 QE19 ~ QE22 HT108722D0 2SA872A (D or E)
QE09,QE10 QE23,QE24 HT317752D0 2SC1775A (D or E)
QE11,QE12 QE25,QE26 HT406661C0 2SD666(C)
QE13,QE14 QE27,QE28 HT206461C0 2SB646(C)
QE29,QE30 QE33,QE34 HD20003210 IS2471
QE31,QE32 QE35,QE36 HV000091200 MV103(W)

Q410
2O1B0
0BL)

Q411, Q412
HT3252401A0
2SC2240(G,R)

Q413, Q419, Q419, Q420
HT108722D0
2SA872A (D or E)

Q415~Q418
HT3177520
2SC1775A (D or E)

Q421, Q422
HT4075710
2SD757(C)

Q423, Q424
HT2071710
2SB717(C)

Q425, Q426
HV00002060
VD1212

Q427~Q432, Q437
HD20003210
IS2471

Q433, Q434
HV00006120
MV203(Y)

Q435, Q436
HV00004060
VD1210

Q751, Q752, Q755
Q756, Q769, Q770
HT107501B0
2SA750(E)

Q753, Q754, Q757
Q758, Q767, Q768
HT314001E0
2SC1400(E)

Q759~Q762
HV00006120
MV203(Y)

Q763~Q766
HV00002060
VD1212

Q771, Q772
HT403132P0
2SD313(D or E)

Q773, Q774
HT205072P0
2SB507(D or E)

Q775
HE20001080
RB-152

Q776
HD30030090
WZ177

Q801, Q802
HF20030IC0
2SK30A(Y)

Q803
HT3150910O
2SC1509(Q)

Q804
HTI0777I0
2SA777(Q)

Q805
HT403132P0
2SD313(D or E)

Q806
HT205072P0
2SB507(D or E)

Q807
HT3224024A0
2SC2240(GR or BL)

Q808
HTI097702A0
2SA970(GR or BL)

Q809, Q810
HE10001030
DS133B-L

Q811
HD30008010
HZ-6L(B)

Q001
HTII0152A0
2SA1015(O or Y)

Q002, Q003
HT318152A0
2SC1815(O or Y)

Q005, Q006
HD20003210
IS2471

PL00

P400 PHONO AMP ASSY.

PG00 VOLUME ASSY

Q601, Q602
HT108722D0
2SA872A(D or E)

Q603, Q604
HT317752D0
2SC1775A (D or E)

Q605, Q606
HT322401A0
2SC2240(GR)

Q607, Q608
HTI097101A0
2SA970(GR)

Q609, Q610
HT406661C0
2SD666(C)

Q611, Q612
HT206461C0
2SB646(C)

P750
HEAD PHONE
AMP ASSY.

PJ00 SELECTOR ASSY

PK00 TAPE EQ BUFFER AMP ASSY

QK11, QK12
HT206461C0
2SB646(C)

PF00 TONE ASSY

PF00 TONE ASSY

PF01

PE00

Q H01, Q H02
HT108722D0
2SA872(D or E)

Q H03, Q H04
HT317752D0
2SC1775(D or E)

Q H05, Q H06
HT322401A0
2SC2240(GR)

Q H07, Q H08
HTI097101A0
2SA970(GR)

Q H09, Q H10
HT406661C0
2SD666(C)

Q H11, Q H12
HT206461C0
2SB646(C)

P800

TONE AMP

PRE AMP

PW00

Q E01~Q E04
Q E15~Q E18
HF201172B0
2SK117(Y or GR)

Q E05~Q E08
Q E19~Q E22
HTI08722D0
2SA872A(D or E)

Q E09, Q E10
Q E23, Q E24
HT317752D0
2SC1775A (D or E)

Q E11, Q E12
Q E25, Q E26
HT406661C0
2SD666(C)

Q E13, Q E14
Q E27, Q E28
HT206461C0
2SB646(C)

Q E29, Q E30
Q E33, Q E34
HD20003210
IS2471

Q E31, Q E32
Q E35, Q E36
HV00009120
MV103(W)